

# Ty Yalniz

## Creative Director Senior UX/UI Designer

Former Front-End Developer

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### Ty Yalniz

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Portfolio: [tyyalniz.com](http://tyyalniz.com)  
Latest public-facing designs: [pinterest.com/taylanyalniz/portfolio](https://pinterest.com/taylanyalniz/portfolio)  
Get to know me: [instagram.com/tyyalniz](https://instagram.com/tyyalniz)

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### Profile

I am an experienced UX/UI Designer, Creative Director, Mentor, and a Team Lead with over 20 years of experience. I am proficient in using Adobe Creative Cloud, XD, Photoshop, InDesign, Illustrator, Figma, Sketch, Bravo Studio, and Xano for low-code interactive prototyping. I am highly skilled in HTML, CSS, JavaScript, and jQuery. Throughout my career, I have worked with diverse employers and clients, including universities, non-profits, global brands, and US government agencies, demonstrating exceptional design and communication skills. I create visually stunning, mobile-friendly, 508 accessibility-compliant, research-based user-centric designs.

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### Experience

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#### Capital Technology Group (CTG)

Senior UX/UI Designer  
MAY 2019- PRESENT

I have led successful software, mobile, responsive web, and print-media design projects. Additionally, I have been involved in business development and marketing design initiatives, including recent design explorations for applications using artificial intelligence (AI) and OpenAI GPT graphical user interface. My expertise was instrumental in winning multiple U.S. Government tech challenges, including those for the Department of Homeland Security (DHS). In recognition of my skills, I was selected as a key personnel and design team lead on several federal government contracts for the U.S. Government as a contractor.

#### Fraud Detection and National Security Dir., DHS, USCIS, CTG

Senior UX/UI Designer, UX/UI Lead, Contractor  
MAY 2019 - MARCH 2023

As the UX/UI Design Team Lead for the Fraud Detection and National Security (FDNS) Directorate at the Department of Homeland Security's (DHS) U.S. Citizenship and Immigration Services (USCIS) under the RFDS contract with Capital Technology Group, I led the design process for the development of the FDNS NexGen Case Management web application. My responsibilities included identifying business requirements, researching end-user needs, and mentoring other designers. I created 508 accessibility-compliant user interfaces and user personas and innovative design solutions using low and high-fidelity wireframes, mockups, style guides, branding, design pattern libraries, and prototypes that were responsive, user-friendly, and mobile-friendly. I also developed

user flows, site maps, and information architecture, and leveraged my previous experience as a senior front-end web developer to identify HTML, CSS, and JavaScript-based layout and interactivity solutions for pixel-perfect execution. Additionally, I performed user testing and adapted the project direction to meet end-users needs while fulfilling business objectives.

## **Identity, Credentials, and Access Management, DHS, USCIS, T&T**

Senior UX/UI Designer, Contractor

FEBRUARY 2018 - JUNE 2019

As a Senior UX/UI Designer for the Identity, Credentials, and Access Management Program (ICAM) at the Department of Homeland Security (DHS) and U.S. Citizenship and Immigration Services (USCIS) via T&T Educational Support Services, contracted by Visio Consulting, I played a pivotal role in designing several mission-critical internal applications. These included myAccess, a logical access management application, and ePACS, a physical access management tool. I created high-fidelity mockups, user flows, and design specs for the USCIS myAccess application, which allows for safe and secure authentication to USCIS applications through Single-Sign-On (SSO). In close collaboration with business stakeholders and federal government leadership, I designed effective user interfaces for the agency's new Enterprise Physical Access Control System (ePACS) application, enabling USCIS personnel to request physical access to buildings and other points of entry across the United States. As a senior designer, I worked closely with project management and federal government leadership teams, including the department chief, product owners, and ITPMs, to create consistent user interfaces across numerous USCIS dashboard applications, such as ICAMPulse and ICAM Oauth.

## **Synexus**

Creative Director, Senior Software Designer

MAY 2017 - FEBRUARY 2018

I was responsible for designing high-profile applications for various industries. I acted as a liaison between engineering teams, clients, and company leadership, leading the design efforts for smart city applications, power utility companies, and the world's largest gold mining operations. My technical and creative expertise ensured that the applications were user-friendly, efficient, and visually appealing. For Barrick Gold, I led the design and co-led the development efforts for a state-of-the-art, smart-city-inspired operations control center application, Barrick AuOPS. This application was built for the world's largest gold mining company and aimed to improve productivity and efficiency while giving business analysts, mine operators, and corporate leadership 24/7 access to live, IoT-driven business information. For Arlington County, I helped modernize the user-interface design of a smart-city application that allowed city officials to have control over different assets such as street lights and other sensory information.

## **US Department of Veterans Affairs (VA) - LEIDOS - AIRETEL**

Senior UI/UX Designer & Lead Front-End Developer, Contractor

DECEMBER 2016 - JUNE 2017

As a federal government contractor, I worked under contract with Leidos and Airtel for the Veterans Affairs (VA) and modernized an outdated

IBM® enterprise architecture platform, System Architect SAXT, by creating new design mockups and writing static front-end code using JavaScript, jQuery, CSS, and HTML. I updated the application's look by creating new user-interface design mockups, for the VA Enterprise Architecture Repository (VEAR), a non-public facing database-driven content management system (CMS) application, and developed effective user experiences to meet the end-user and government employee demands.

### **Environmental Working Group (EWG)**

Senior Web Designer, Senior Front End Engineer

MARCH 2011 - DECEMBER 2016

I guided web design and development teams in the creation of various products, including web properties, print publications, and mobile applications, utilizing tools such as PHP, HTML, CSS, JavaScript, jQuery, Photoshop, Illustrator, and InDesign. I wrote front-end code for our content management systems done in Drupal and WordPress. I leveraged open-source software and code libraries to save the organization valuable financial resources. I designed user-friendly interfaces using Adobe software and developed interactive web tools for social media, fundraising, and other user-engagement web strategies, for all devices, leading to increased online engagement and a larger supporter base. By implementing mobile-friendly web strategies, I increased mobile web traffic to over 50% of visitor usage in early days of mobile-web. I oversaw the majority of front-end web development and other design tasks in-house, saving costs. I also contributed to print publications and communication design efforts and utilized collaboration tools like GitHub, BitBucket, Jira, Slack, and Trello.

### **Marshall University (MU)**

Web Designer, Coordinator, International Admission/Recruitment  
2005- 2010

I played a key role in website design and development, including micro-sites and landing pages for events and academic departments. I utilized HTML, CSS, PHP, JavaScript, jQuery, and Adobe software like Photoshop and Illustrator to create visually appealing and user-friendly interfaces. Additionally, I developed a secure, database-driven admissions status-tracking system for international students using PHP and MySQL. I contributed to the university's marketing strategies by traveling internationally for recruitment events, creating marketing graphics, designing brochures, and building global partnerships. Finally, I helped design and develop the curriculum for a Business/Information Technology Certificate program.

### **T&T Educational Support Service**

Founder, Creative Director

SEPTEMBER 2008 - PRESENT

For startups focused on internet security, e-commerce, real estate, video conferencing, and social networking, and more I designed iOS and Android mobile apps. I designed quarterly magazines and print materials for major U.S. food and agriculture industry clients. Additionally, I worked as a subcontractor creating event materials, email marketing, presentations, and other visuals for high-profile projects involving Harvard Medical School, Massachusetts Institute of Technology, Nutricia, DANONE/Dannon, and DOW Agro Sciences. I designed the Sherlock

Case Management solution, allowing inter-agency data research on subjects in order to identify potential threats and risks to national security and public safety, a conceptual application by CTG for USCIS which led to the development of similar projects. I created high-fidelity mockups and user-flows. With the advancements in artificial intelligence (AI) technology, I recently started experimenting using AI to aid me in the research-based design thinking process, especially to analyze business requirements, review and summarize key points, and to quickly come up with user-friendly design content ideas. I am currently experimenting with a more efficient user-experience solution on a case management system project by providing the power of AI audio and text capabilities so that users of this future application can get their work done in a faster yet just as effective manner. This has opened up new possibilities for how I approach design, and I am excited to continue exploring the potential of AI in my work.

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## Awards

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### **Winner / U.S. Government Tech Challenges**

2019 - Present, DHS, USCIS

### **Recognition / Designs for Successful content Marketing featuring brands like EWG, Toshiba, Purina**

2016 , Marketing Land

### **Green Nominee / EWG's Food Scores & Guide to Healthy Cleaning,**

2014, Pixel Awards

### **Work Featured In**

Dr. Oz Show, Yahoo News, CNN Health, New York Times, L.A. Times, Washington Post, Washington Journal

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## Education

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**Marshall University / Technology Management, Information Technology, Master of Science**  
MS / 2015

**Marshall University / Computer & Information Technology**  
BS / Minor / 2007

**Marshall University / Regents, Bachelor of Art**  
BA / 2007

### **NAFSA - Association of International Educators**

Certificate in International Education Administration / 2008

### **WES - World Education Services**

Certificate in Recruitment and Credential Evaluations / 2007

### **IT/Design Continuous Learning & Self-Development:**

JavaScript, jQuery, HTML/5, CSS/3, Mobile-Friendly and Responsive Web Design and Front-End Web Development, PHP, Ajax, JSON, IBM Rational Tools, Adobe XD, Photoshop, Illustrator, Xano, Bravo Studio, Figma, Sketch, Chat GPT, AI, Artificial Intelligence as a Designer, UX Researcher etc.