

THOMAS DYE

Seattle, WA | tdye@microsoft.com | thomasdye.com | [LinkedIn](#) | github.com/tbdye

Education: **University of Washington:** BS, Computer Science & Software Engineering, 2017

Faculty Honors, Upsilon Pi Epsilon Honor Society

Skills: **Languages:** C#, XAML, WPF, C++, SQL, MySQL, JAVA, ColdFusion, HTML, Lua

Software: Microsoft Server, Microsoft Azure, Unity3D, Powershell, Balsamiq

Professional Experience: **Software Developer | June 2018 – present**

Microsoft | Redmond, WA

- Deployed and maintained services for the Microsoft Store payment and crypto systems
- Converted password utility (SRE Studio) to make it compatible with UST Secrets Active Directory extensions
- Created Power BI reports from live IcM ticket data to identify trends across datacenters and generate insights in an effort to increase the ability of my team to isolate and prioritize issues
- Led daily triage for an agile/scrum development process

Software Engineer | August 2017 – May 2018

Siemens Healthineers | Issaquah, WA

- Worked mostly in C#, XAML, WPF, and Model-View-ViewModel (MVVM)
- Implemented features and internal tools, including a prototyping system and a shared style library for the entire ultrasound division
- Known within the UX team for my keen eye for detail and great partnership with designers
- Participated in an agile/scrum development process

Software Engineering Intern | March 2017 – July 2017

Siemens Healthineers | Issaquah, WA

- Updated entire touchscreen UX for ultrasound machine to follow new Siemens guidelines for health apps
- Partnered with a UX designer to create a style library and updated all system configuration pages to match
- Created unit tests using MOQ framework in an effort to increase code coverage for products in development

Server Administrator | February 2017-present

Digital Combat Simulator Gameplay Server | Online

- Responsible for availability and configuration of the largest non-combat server for DCS
- Implemented admin utilities, such as watchdog scripts, log and mission rotators
- Designed and implemented gameplay content, such as racing missions

Software Developer | June 2016 – September 2016

Everett Community College | Everett, WA

- Designed and delivered a databased-backed web portal for academic advisors
- Uncovered problems in old tools using stakeholder interviews and competitive analysis

Additional Experience: **Tech/Programming Teacher | August 2016**

Pacific Science Center | Bothell, WA

- Taught middle school students in the Java Coding and Video Games camp

Registration Manager | May 2014 – May 2015

Asia-Northwest Cultural Education Association | Seattle, WA

- Coordinated staff, software, and hardware to reduce convention registration time, for 20,000+ attendees, from 4 hours to 40 minutes
- Led 7 developers to document the existing system and prototype a replacement