

Denny Ho

Full Stack Software Developer

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TECHNICAL SKILLS

- C#, .NET, Angular, SQL Server, TypeScript, Power BI, Report Builder, HTML/CSS
- Python, Java, Docker, Entity Framework, Redis, Postman, NuGet, Node.js, Bootstrap
- Git, Agile Methodology, TFS, JUnit, Unit Testing, D3.js
- Prior Experience: FPGA, C, C++, MATLAB, Verilog, Swift, MongoDB, XCode, MIPS

PROFESSIONAL EXPERIENCE

Software Developer - AstreaX

09/2020 - Ongoing

- Created and maintained online MVD services for the Arizona Department of Transportation.
- Designed over 60% of the Organization Customer portal by creating scalable services via asynchronous loading, pagination, and caching.
- Overhauled over 50% of data reports by optimizing runtimes of stored procedures by 70% or more.

Computer Science Teaching Assistant - The University of Arizona

08/2019 - 06/2020

- TA for the Object Oriented Programming course and the Computer Programming II course.
- Mentored teams of students by simulating professional and Agile programming practices as a stakeholder.
- Led weekly lab sessions to provide students with a more hands-on experience with programming.

PROJECTS

[AZ MVD Now](#) - AstreaX

- Arizona citizen specific portal to complete official MVD services.
- Used: C#, ASP.NET, SQL Server, Angular

Mobile Driver's License - AstreaX

- An Apple Wallet Arizona mobile ID that digitally and legally replaces the physical driver's license(DL).
- One of the first two states to collaborate with Apple Inc. to create a mobile DL for the iPhone wallet app.
- Developed the DL setup by creating various api endpoints and backend services for the Wallet app to relay iPhone user data and for MVM to securely send driver data.
- Used: C#, ASP.NET, SQL Server, Angular

[Sorting Algorithms](#)

- Animated sorting algorithms fluidly through a recursive implementation that enables delays.
- Used: Typescript(Angular, D3), HTML, SCSS

[Data Visualizations Showcase](#)

- Presented data methodically through various representations and animations grounded on data visualization principles.
- Used: Javascript (D3), HTML, CSS

EDUCATION

Computer Science B.S. - The University of Arizona

2016 - 2020

- Electrical Computer Engineering Minor
- Wildcat Excellence Scholarship, Dean's List Honor