

Andrew Wei

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Education

University of Washington	Seattle, WA	2017 - present
<i>Paul G. Allen School of Computer Science & Engineering</i>		GPA: 3.79
<ul style="list-style-type: none">- MS in Computer Science & Engineering to be completed in Dec 2020- BS in Computer Engineering completed June 2019, Cum Laude		
Edmonds Community College	Lynnwood, WA	2014 - 2017
<ul style="list-style-type: none">- AS in Computer Engineering and Mechanical Engineering		GPA: 3.99

Skills

Programming - *Java*, 3yrs; *Python*, 1yr; *C*, 1yr; *C++*, 1yr; *JavaScript*, 3mo; *C#*, 3mo
Domain Specific - *SQLite*, 1yr; *SQL Server*, 1yr; *DataLog*, 1yr; *SQL++*, 1yr; *HTML*, 6mo
Hardware Description - *SystemVerilog/Verilog*, 1yr
Foreign - *American Sign Language*, basic; *Chinese*, conversational
Not Languages - *git*, *Ubuntu Linux (WSL)*, *FPGA*, *Docker*, *SolidWorks*, *soldering*

Relevant Coursework

Machine Learning, Distributed/Embedded/Operating Systems, Algorithms, Computer Vision, Computer Architecture, Data Structures, Databases, VR Capstone

Projects

Paxos Visualization - *JavaScript*, *d3*, *HTML*, *CSS*

- Designing a visualization for Paxos, a distributed consensus algorithm
- Creating a framework for animating nodes, sending/receiving messages, and timers

VR Capstone: ChatAssist - *Unity*, *C#*, *Amazon Transcribe*, *MagicLeap*

- an Augmented Reality app on the MagicLeap that transcribes/translate speech for those who are hard of hearing or not familiar with a language

Experience

Letron Entertainment Tech, Intern	Kaohsiung, Taiwan	7/2019 - 9/2019
<ul style="list-style-type: none">- Letron monitors networks/websites and reports errors to clients in south-east Asia- Implemented a rtt monitoring agent for rtmp on <i>Alpine Linux</i> using <i>Kafka</i>, <i>Zookeeper</i>, and <i>Docker</i> and integrated it on the <i>Elastic stack (ELK)</i>- Created an API to utilize networking tools using <i>Flask</i> and <i>Python</i>		
Teaching Assistant	Seattle, WA	3/2018 - present
<ul style="list-style-type: none">- Helped teach <i>Statistics for CS</i>, <i>Databases (Spark, SQL, Azure[SQL Server], DataLog)</i>, <i>Intro to Data Science (Python, Pandas)</i>, and <i>PMP Machine Learning (Python)</i>- Held office hours, fixed scripts/assignments, and taught sections (~15-25 students)		

Activities

Volunteering: Dawg Daze, Engineering Discovery Days, 2018 Summer Special Olympics
Hackathons 2017 - 2018

- **Dubhacks (2018):** Alert system for stolen packages (*Python*)
- **HackMIT (2018):** Disaster relief app for reporting missing people (*Java*, *SQLServer*)
- **nwHacks (2017):** Fruit ripeness app (*Java*, *Android*)
- **Dubhacks (2017):** Fitbit for wheel-chair users (*Java*, *Android*)

Achievements

Dubhacks 2017 Accessible Design Winner	2017
President's Volunteer Service Award - Gold	2016