

## Andrew Wei

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### Education

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

### 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

<b>Letron Entertainment Tech, Intern</b>	<b>Kaohsiung, Taiwan</b>	<b>6/2019 - 9/2019</b>
<ul style="list-style-type: none"><li>- Letron monitors networks/websites and reports errors to clients in south-east Asia</li><li>- 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></li><li>- Created an API to utilize networking tools using <i>Flask</i> and <i>Python</i></li></ul>		
<b>Teaching Assistant</b>	<b>Seattle, WA</b>	<b>3/2018 - present</b>
<ul style="list-style-type: none"><li>- 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></li><li>- Held office hours, fixed scripts/assignments, and taught sections (~15-25 students)</li></ul>		

### 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

<b>Dubhacks 2017 Accessible Design Winner</b>	<b>2017</b>
<b>President's Volunteer Service Award - Gold</b>	<b>2016</b>