Andrew Wei
206-850-7878 | github.com/nowei
nowei@cs.washington.edu | linkedin.com/in/nowei/

Education

University of Washington	**Seattle, WA**	2017 - present

Paul G. Allen School of Computer Science & Engineering — GPA: 3.79

- **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

- **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/translates speech for those who are hard of hearing or not familiar with a language

Experience

Teaching Assistant	**Seattle, WA**	3/2018 - present

- Helped teach **Statistics for CS**, **Databases** (*Spark, SQL, Azure[SQL Server], Datalog*), **Intro to Data Science** (*Python, Pandas*), and PMP **Machine Learning** (*Python*)
- Held office hours, fixed scripts/assignments, and taught sections (~15-25 students)

Letron Entertainment Tech, Intern	**Kaohsiung, Taiwan**	7/2019 - 9/2019

- Letron monitors networks/websites and reports errors to clients in south-east Asia
- Implemented a rtt monitoring agent for rtmp on *Alpine Linux* using *Kafka, Zookeeper,* and *Docker* and integrated it on the *Elastic stack (ELK)*
- Created an API to utilize networking tools using *Flask* and *Python*

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