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**EDUCATION**

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**University of Washington**

2015-2019 (Expected)

Third Year Student – B.S. in Computer Science

Seattle, WA

- Current GPA: 3.49
- Annual Dean's List: 2015-2017
- Coursework: CSE 442 (Data Visualization), CSE 312 (Foundations of Computing II), CSE 341 (Programming Languages), CSE 351 (Hardware/Software Interface), CSE332 (Data Structures and Parallelism), CSE311 (Foundations of Computing I), CSE142 (Computer Programming I, Java), CSE143 (Computer Programming II, Java), MATH125 (Calculus II), MATH126 (Calculus III)

**Tools/Languages**

- HTML5 | CSS3 | Javascript | Bootstrap | Java | Swift | C | C#
- Git | Atom | Visual Studio | Xcode | Eclipse | NetBeans | Emacs

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**EMPLOYMENT**

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**Fujifilm Sonosite**

June - September 2017

Systems Verification Intern

Bothell, WA

- Maintained and developed new features and UI for a medical equipment inventory tool
- Designed and implemented database management functions resulting in increased program and team efficiency
- Wrote scripts and programs to assist with the testing and development of medical imaging devices

**UW Autonomous Systems Flight Laboratory**

2016-Present

Visual Anchoring Team - <https://www.aa.washington.edu/research/afsl>

Seattle, WA

- Assisted with a flight software rebase to update lab-specific firmware to the latest community version
- Built and maintained custom variants of flight software, including positional drone tracking software

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**EXPERIENCE**

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**CSE Educational Outreach**

September 2017 - Present

Outreach Ambassador

- During Fall Quarter 2017, taught both the Java and Processing programming languages weekly at Jane Addams Middle School.
- Participated in Open Computing House 2017, managed a booth with a hands-on programming activity
- Personal focus on reducing barrier of entry to computer science, encouraging all ages to study computer science, and on inspiring individuals to use computer science to address contemporary social issues

**Stage Notes**

May 2017 - Present

Keyboard 1/2, Front of House

- Performed as Keyboard 2 in Winter 2018 Production of The Addams Family
- Learned and then implemented instrument patching solutions for Keyboard 2
- Rehearsing and providing live support as Keyboard 1 for upcoming Spring musical
- As front of house, welcomed audiences into the theater, sold tickets and manned will-call

**Aikido**

March 2016 - Present

Club President, Club Treasurer

- Organized existing club equipment, put in first-ever budget request for the club
- Manage club officers with a focus on providing more club bonding activities and reforming existing club infrastructure such as attendance sheets, flyers, and media
- Answer questions from new class and club members, seeking to encourage an atmosphere of friendliness and freedom both during club sessions and outside.