**Alexander Banh**  **(206) 612-4234**

**EDUCATION**

**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

**EMPLOYMENT**

**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

**EXPERIENCE**

**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.