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BRYSON LEE

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Education

Santa Clara University   **Santa Clara School of Engineering**   **Santa Clara, CA**
B.S. Computer Science and Engineering   2014-2018 (Expected)
- Concentrations: software engineering • pipeline engineering • tools development • system design • 3D rendering • UI frameworks • object oriented design
- Undergraduate Courses: Advanced Programming, Abstract Data Structures and Algorithms
- Organizations and activities: ACM (Association for Computer Machinery), Frugal Innovation Lab

Work and Research Experience

Frugal Innovation Lab   **Software Engineering Research Assistant**   **June 2014 - Present**
- Drafting Research paper – "An investigation of current industry standards in modern mHealth product design specifications" – aim to publish by this year
- Advised project pipeline development – work together with senior design teams to coordinate projects

Hawaii State Public Library   **Library Clerical Assistant**   **September – November 2013**
- Coordinated with library staff in organizing library possessions; maintained and fixed large influx of books and other public-rented material
- Organized library holdings and archives, worked together with library staff to redesign layout

Hawaii Pacific Health   **Hospital Floor Assistant**   **August 2013 – January 2014**
- Managed supplies for a hospital floor, participated in various health –care related activities alongside RN's and physician within a highly complex infrastructure
- Controlled inventory and in complex and efficiency-focused environment
- Participated in general clerical work, sorted and maintained hospital documents

Industry Skills

Proficient Programming Languages: C, C++, C#, HTML 5, CSS, JavaScript, some Python proficiency

Proficient Programming Environments: Microsoft Visual C++, Unix + Unix Shell, most open-source IDEs including NetBeans, Code::Blocks, Eclipse

Frameworks: Web: Bootstrap, Foundation, Semantic UI. Application Frameworks: Qt. Mobile Frameworks: Android SDK, Cordova

Program Skills: Linux, Mac OS X, Windows Vista, 7 & 8, Microsoft Office (all applications), Adobe Suite (Photoshop, Illustrator, Bridge, and After Effects), Maya

Current Projects

Greenhouse   **BroncoHack 2015**
Web-based financial sharing site   February 2015
- Built website for non-profits to use to share and finances to improve transparency
- Engineered using HTML, CSS, Javascript, and Bootstrap for framework
- Led project team, delegated tasks team members
- Placed in top 10, business model well received by judges