Robert Bayer

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Education

Santa Clara University, Santa Clara, CA   **Expected Graduation:** June 2017   **GPA:** 3.83
Major: Computer Science & Engineering
Related Coursework: Advanced Programming, Abstract Data Types & Structures, Introduction to Logic Design, Product Opportunity Assessment, Bitfountain's iOS Immersive
Honors & Awards: School of Engineering's Dean List '13 – '14; 3rd Freshman Prize in Mathematics '14; Dean's Scholarship '13 – '15

Technical Skills

Languages: C; C++; JavaScript; HTML; CSS; PHP; Swift/iOS
Technologies: Git; AWS; XCode; Adobe Photoshop & Illustrator; Sketch

Work Experience

iOS Developer @ **roomioTV**   **April 2015 - Present**
- Designed and implemented a new prototype iOS app that acts as a remote for roomioTV boxes, taking into account both the user experience and the technical considerations of the service's backend

Software Intern @ **Dinner Lab**   **Summer 2014**
- Redesigned the company's website, creating a responsive and intuitive site to easily allow three different types of users to perform necessary tasks
- Created a living style-guide for future developers working on the new website's UI and codebase
- Developed a comparison system to allow executives and chefs to easily analyze data collected from meals served to over 5,000 customers to make informed decisions on the future of large company projects

Student Web Assistant @ **SCU Career Center**   **May 2014 - Present**
- Update the university's career center website and troubleshoot issues with the content management system to ensure a pleasant browsing experience for students, alumni, and employers
- Developed a new "about" page using HTML5, JavaScript, JS libraries, and CSS3, while still adhering to the university's stylistic guidelines to convey the Center's fresh spirit

Projects

IMMIXR (Under Development)   **CalHacks 2014**
Created an open-source social media aggregation tool that makes it easy to display all social feeds in a single seamless interface. Integrated several social media APIs on the client-side using JavaScript.

NextGenerationCity.com   **Winter 2014**
Developed an interactive, informational map that utilizes the Google Maps API to display unique content focused on regions' sustainability. Created for Critical Thinking & Writing II.

Leadership Experience

Vice President of Outreach for **Santa Clara Innovation & Design**
- Organizing the first Product Design Hackathon to be held on SCU's campus during spring '15
- Developed the new club by organizing talks from industry professionals and marketing club events that led to a 600% increase in club membership in two quarters

Facilitator for **scuID Freshmen Leadership Retreat** '14
- Designed and facilitated small group discussions and activities and led two large group sessions for 40 students

Other Experience: *Collegian*, **Lasallian Student Leader's Conference**; *Mentor*, **SCU's Strive for College Program;** *Writing Partner @* **HUB Writing Center**