

Rutu Samai

EDUCATION

- 2016 - 2020 **BS COMPUTER SCIENCE – California Polytechnic State University- San Luis Obispo**
- + Relevant Coursework: Object Oriented Programming, Data Structures, Fundamentals of CS, Computational Art, Technical Writing for Engineers

EXPERIENCE

- June 2017 - Sep 2017 **SOFTWARE ENGINEERING INTERN – Lockitron**
- + Worked on iOS app for a Y Combinator company with a focus on Sense, a Bluetooth feature that automatically triggers a smart door lock by proximity
 - + Tested Bluetooth background communication by creating debug modes to simulate Geofence triggers and monitor RSSI (received signal strength indicator) for 11,000+ users
 - + Synced the encrypted pipe to update secure processes i.e. new users/pin codes, switching locks
- Feb 2017 - Present **CO-FOUNDER AND DIRECTOR OF TECHNOLOGY – SLO Hacks, Local Hack Day**
- + Oversaw executive officers to manage all software infrastructure for Cal Poly's first Major League Hacking hackathons, with 810+ attendees and 20 corporate sponsors
 - + Managed design/implementation of website (expected usage- 600 unique visitors per month of each event) Conducted 55+ user research interviews to optimize landing page UI/UX, increasing test run application completion by 45% and ensuring Quality Control by prioritizing backlog
- June 2015 - Aug 2015 **SUMMER IMMERSION PROGRAM STUDENT – eBay Girls Who Code**
- + Created Plantae, a website that assists users in maintaining home gardens by accessing a plant database and receiving care notifications. 250+ hours of instruction in Python and basic web dev

SKILLS

LANGUAGES – *Proficient:* Python, Java *Intermediate:* Objective C, Swift, JavaScript, HTML, CSS
SOFTWARE/OTHER – Xcode, Sketch, Android Studio, Linux/Unix, Git, Jira

LEADERSHIP

- March 2017 - Present **DIRECTOR OF MENTORSHIP – Camp Polyhacks**
- + Built strategic company partnerships via sponsorship arrangements i.e. prizes and accelerators
 - + Crafted a mentorship program to connect 150+ students with industry leaders in tech, business, and design. Arranged judging criteria framework and Slack correspondence
- Jan 2017 - June 2017 **VP PUBLIC RELATIONS – Cal Poly Mobile App Dev Club**
- + Spearheaded inter-club events, thus increasing club growth by 150% over 3 months
 - + Organized workshops on cutting edge topics – App Analytics, Artificial Intelligence, APIs, etc

PROJECTS

- Jan 2017 **SLOGO – Camp Polyhacks - 2nd Place**
- + Led the product team to design and develop an iOS app for crowdsourcing volunteers to map unused territory in San Luis Obispo, using GPS
 - + Modeled Augmented Reality features to incentivize user adoption
- May 2016 **FIT TO FIGHT – Alameda County Hacks: Honorable Mention Award**
- + Used the FitBit API to create a health-centric web app
 - + Closed deals with local hospitals to donate free consultations to uninsured users