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# Rutu Samai

**EDUCATION**

**BS COMPUTER SCIENCE-** *Cal Poly State University - San Luis Obispo*   Grad: June 2020
- Data Structures/Algorithms, Object Oriented Programming, Systems Programming, Computer Organization, Statistics, Comp. Art, Tech Writing, Computer Architecture

**EXPERIENCE**

**EXPLORER INTERN |** *Microsoft*

Redmond, Washington                                            June 2018 - Present
- Enabled users to create Azure Container Registries, deploy, push/pull to Azure Cloud Instances, and built a UI to initiate and view build tasks/logs
- Pushed code to Docker Visual Studio Code extension with 3.9 million downloads
- Acted as 4 week Program Manager while conducting/documenting user personas, stories, interviews, designing prototypes, and writing a spec

**SOFTWARE ENGINEERING INTERN |** *Lockitron*

Mountain View, California                                        June 2017 - Sep 2017
- Worked on a Y Combinator company iOS app feature called Sense, a Bluetooth feature that automatically triggers a smart door lock by proximity, for 11,000+ users
- Tested Bluetooth IoT background communication by creating debug modes to simulate Geofence triggers and monitor RSSI (received signal strength indicator)
- Synced the encrypted pipe to secure processes- new users/pin codes, switch locks

**CO-FOUNDER & DIRECTOR OF TECHNOLOGY |** *SLO Hacks*

San Luis Obispo, California                                      Feb 2017 - Feb 2018
- Managed a team of 6 designers and developers in building 4 event websites with a custom application system and creating brand guidelines
- Cal Poly's 1st Major League Hacking hackathon with 200+ attendees, 15+ sponsors
- Conducted 15+ user research interviews to optimize landing page UI/UX

**SKILLS**

**LANGUAGES**– Python, Java, C, TypeScript, Objective C, HTML, CSS, Assembly

**SOFTWARE/OTHER**– Linux/Unix, Git, Azure Cloud, Docker Containers, InVision, Xcode, Sketch, Android Studio

**PROJECTS**

**IMAGES AND FILTERING**                                              Feb 2017
- Coded a Python program that applies algorithms to blur, fade, and decode hex images, with data from command line input to manipulate pixels

**SLOGO |** *Camp PolyHacks- 2nd Place*                              Jan 2017
- Led product team to develop iOS app for crowdsourcing volunteers to map unused territory in the city, using GPS and Augmented Reality to incentivize user adoption

**LEADERSHIP**

**LEAD DIRECTOR |** *Camp PolyHacks*                      March 2017 - Present
- Spearheading all operations/logistics, marketing strategy, product/brand dev for a 200 person human-centered, interdisciplinary, social entrepreneurship hackathon
- Previously Mentorship Director- Built strategic company partnerships and raised 27K

**VP PUBLIC RELATIONS |** *Cal Poly Mobile App Dev Club*    Jan 2017 - June 2017
- Initiated inter-club events and increased club growth by 150% over 3 months
- Organized workshops on pioneering topics-App Analytics, Artificial Intelligence, etc