Summer Kitahara

skitahar@andrew.cmu.edu | 203.554.7367

EDUCATION

CARNEGIE MELLON UNIVERSITY
B.S. in Computer Science &
B.S. in Human-Computer Interaction
GPA: 3.0
Pittsburgh, PA | Expected May 2018

SKILLS

Java • Python • C • SML • Android • HTML5 • CSS • Django • Javascript • Bootstrap • LaTeX • Git
Data structures • Software design patterns

COURSEWORK

• Parallel and Sequential Data Structures and Algorithms
• Introduction to Computer Systems
• Software System Construction
• Great Theoretical Ideas in Computer Science
• Web Application Development
• Principles of Imperative Computation
• Principles of Functional Programming

LINKS

www.summerkitahara.com
Github:// **sumkit**
LinkedIn:// **summerkitahara**

EXPERIENCE

ENVOYNOW INC. | Software Engineer
May 2016 - August 2016 | Santa Clara, CA
- Build Android app to emulate iOS app. Host open source Parse Server.

CARNEGIE MELLON UNIVERSITY, HUMAN-COMPUTER INTERACTION INSTITUTE | Research Assistant
February 2016 - May 2016 | Pittsburgh, PA
- Develop Android and web apps for NavCog, a navigation system for people with visual impairments that uses sensors and crowdsourcing. Crowd can upload and later label photographs and maintain and repair hundreds of Bluetooth Low Energy beacons. Developed reward system of "karma" points and conducted user testing.

June 2015 - August 2015 | Pittsburgh, PA
- Led 3 person team developing mobile and wear apps for Chorus, a crowdsourcing conversational assistant. Has text to speech and speech to text capabilities. Uses Yelp Search and Yahoo APIs.
- Made a natural language processor tool to be added to Chorus web application.

BUSINESS GOLF ACADEMY | Social Media Manager
May 2015 – Present | Pittsburgh, PA
- BGA encourages women to use golf to advance their careers.

PROJECTS

UMBRELLA | Lead Android Developer, Git Repo Manager
TartanHacks | February 2016
- App uses crowdsourcing to fight gender-based violence and the bystander effect. Bluetooth-based messaging where users anonymously post situation.

BUDGIE | Lead Android Developer, Git Repo Manager
HackCMU | September 2015
- App to manage and categorize expenses. Implements Microsoft's Oxford Opitcal Character Recognition API. Pie charts show spending distribution.

TV MONITOR DISPLAY | Java, Raspberry Pi
Rye Country Day School | May 2014
- Displays news, weather, events, announcements, and image slideshow.

ACTIVITIES

WOMEN'S VARSITY GOLF TEAM | Captain (2014-Present)
August 2014 – Present | Pittsburgh, PA
- Women's Golf Coaches Association Division III All-Region East Team (2016), Thomas B. Craig & LaVerne Craig Tartan Award (2015, 2016), University Athletic Association First Team (2015, 2016), Division III Eastern College Athletic Conference Player of the Month (March 2016), Division III Eastern College Athletic Conference Rookie of the Month (March 2015)

WOMEN@SCS | Mentor
September 2014 – Present | Pittsburgh, PA
- "Big sister" in the Big Sister/Little Sister mentoring program. Give support and advice to underclassmen on coursework, social life, etc.

THE FIRST TEE OF PITTSBURGH | Volunteer Golf Instructor
September 2014 – Present | Pittsburgh, PA
- Teach golf to classes of about 20 underprivileged children ages 8-16 years.