Fabian Lindfield Roberts

EDUCATION

Princeton University, Princeton NJ
Graduated June 2018
BA in Computer Science

United World College, Costa Rica
Graduated May 2013

TECHNICAL SKILLS

Appian • SAIL • MySQL • Agile • Java •
Python • PHP • C • Matlab • R •
Javascript • jQuery • HTML • CSS • Swift

CERTIFICATIONS

Appian Level II Credential
November 2020, *Appian Corporation*

LANGUAGES

Bilingual in English & German

LEADERSHIP & ACTIVITIES

Tutor for COS 126 General Computer
Science & MAT 103/104 Calculus I/II
Varsity Rowing Team 2014-2018
Member of Princeton's Ivy Club

INTERESTS

Film production
Construction/Land Development
Mountain Unicycling
Hiking/Mountaineering
The Goodsirs, Canada 2015
Cerro Chirripó, Costa Rica 2013

EXPERIENCE

Consultant | Macedon Technologies
August 2018 – Present | 11700 Plaza America Dr, Ste 200, Reston, VA 20190

October 2018 – Present | National Transit Database (NTD), FTA
- Worked with a team of four consultants to design and develop the Validation Rule Engine, a dynamic system empowering business analysts to create rules that validate data across multiple forms
- Designed and implemented the Violator Report, a process backed report pinpointing ineffective validations before they are activated in the system
- Ran daily stand ups, sprint planning, sprint demonstrations and sprint retrospective meetings as part of Scrum software development methodology

August 2018 – October 2018 | Macedon Technologies Internal
- Worked with a team of five consultants to build an application for managing Google Drive files and access permissions from Appian
- Built an inventory management system as part of a two week intensive Appian training course

Full-Stack Web Development Intern | SeatSwap
May 2017 – July 2017 | 883 Olentangy Rd, Franklin Lakes, NJ 07417
- Built a user reputation system aimed at increasing completed swaps and overall interaction between users
- Implemented system for monitoring incomplete user actions to pinpoint bottlenecks in multi-page forms. Created an automated summary of key data emailed bi-weekly to administration
- Worked on user retention; set up automated emails sent to inactive users and users surfing for similar tickets on competing sites

Co-Founder | CollegeSnaps
March 2017 – July 2018 | 34 Chambers St, Princeton, NJ 08542
- Participants of the 2017-18 Keller Center for Entrepreneurship Incubator
- Winners of the 2018 Princeton Social Innovation Competition, Princeton NJ
- Winners of the 2017 Robert Wood Johnson Foundation Pitch Competition, Princeton NJ
- Top ten finalists of the 2017 Start Something Challenge, Jersey City NJ

INDEPENDENT WORK

TouchBlockly, advised by Dr. David Walker, 2017
- Extension of Google's Blockly programming language to incorporate touch gestures for touch screen devices

A study of user responses to Facebook profile images, advised by Dr. Arvind Narayanan, Spring 2017
- Scraped 3000 profile images to examine correlations between the sentiment of comments associated with a profile image and characteristics of the profile images themselves

Princeton Prowler, advised by Dr. Andrea LaPaugh, Spring 2017
- News aggregator for Princeton publications and advanced search engine