YOUNG JU (SALLY) PARK

✉ parkyngj@gmail.com
☏ (202) 731-0710

⌗ github.com/parkyngj
in linkedin.com/in/parkyngj

SUMMARY

Mathematician and teacher turned full stack engineer, with a passion for realizing elegant solutions. Enthusiastic about the intersection of function and design. Eager to create meaningful tools and applications.

PROGRAMMING SKILLS

Front-End	HTML5 · JavaScript · jQuery · CSS3 · SASS/SCSS · Bootstrap · Haml · Highcharts · Simple Calendar
Back-End	Ruby · Node · Python · PostgreSQL · WebSockets
Frameworks	Rails · Sinatra
Testing	RSpec · Rails Test Unit · Capybara (Selenium) · Jasmine

PROJECTS

Humanize | GitHub
- Humanize organizes empathy sessions and collects survey data using a Slack bot to promote emotional intelligence in teams
- Built API that serves and accepts RESTful JSONs, implemented Highcharts for visualizing aggregated survey results
- Key technologies used were Rails, Highcharts, Faye, EventMachine

PlzHalp | GitHub
- PlzHalp is a scheduling tool that arranges one-on-one, tailored tutoring sessions for Dev Bootcamp mentors and students
- Designed schema for relational database, prepared mockups, implemented Simple Calendar for arranging appointments
- Key technologies used were Rails, Haml, Bootstrap, Sass, Simple Calendar

MapJamz | GitHub
- MapJamz is a music discovery application that reveals a country's most popular tracks
- Uses Last.fm API to retrieve tracks, YouTube API to fetch video identifiers, Google Maps API to visualize country locations
- Key technologies used were Sinatra, PostgreSQL, HTML5, CSS3, jQuery, HTTParty

PROFESSIONAL EXPERIENCE

UC Berkeley Student Learning Center – *Mathematics Instructor*　　　　　　　　　　　　　　Sep 2013 – May 2016
- Developed and taught our Linear Algebra and Differential Equations curriculum to 30 students
- Contributed to an annual 15% increase in Math GPAs of students who attended the Student Learning Center
- Held reviews presenting exam-level inquiries and problem-solving strategies for frequently asked questions to 125 students

UC Berkeley EECS Department – *Lab Assistant*　　　　　　　　　　　　　　　　　　　　Aug 2013 – Dec 2013
- Provided comprehensive code reviews with emphasis on readability for 30 students
- Assisted students in discussion sections in understanding high-level programming concepts and debugging

EDUCATION

Dev Bootcamp – *Full Stack Developer Trainee*　　　　　　　　　　　　　　　　　　　July 2016 – Nov 2016
- 19-week project-based training program for web development, following MVC design pattern and RESTful architectures
- Developed and maintained web applications with emphasis on Ruby, JavaScript, SQL databases, test-driven development

University of California, Berkeley – *B.A. Mathematics*　　　　　　　　　　　　　　　　Jan 2013 – Dec 2015
- Pure mathematics curriculum with emphasis on Differential Equations and Set Theory
- Proficiency in scientific computing with MATLAB, especially for approximating solutions to Differential Equations

June 2015
Carnegie Mellon University – *Logic Student*
- Summer school student of Logic and Formal Epistemology for Topology, Modal Logic, and Imprecise Probabilities
- Attendee of TARK (Theoretical Aspects of Rationality and Knowledge) 2015 Conference