

ANDREW DEAVER

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📍 Student: 1000 Olin Way MB:215, Needham, MA 02492
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EDUCATION

Olin College of Engineering

B.S. Engineering with a concentration in Computing 2018

Classes: Design Nature, Software Design, Olin.js (web development), User-Oriented Collaborative Design

EMPLOYMENT

Insper, *Student Partner*, São Paulo, Brazil

Aug 2015 - Dec 2015

- Helped to influence a new and innovative engineering curriculum by helping inform decisions about designing courses and activities
- Impacted student culture by planning events such as a hackathon and exposition of projects
- Tutored first year calculus students in one on one environment

Constant Contact, *Quality Engineering Intern*, Waltham, MA

Jun 2015 - Aug 2015

- Developed internal performance monitoring dashboards using Ruby on Rails, Javascript, and EXT.JS
- Wrote testing suite using JUnit and Mockito for plugins that were used for internal facing issue tracking software
- Maintained test automation servers and developed test automation jobs

PROJECTS

Pavement.js

- Online collaborative drawing app, similar to MS paint
- Responsibilities included handling websocket connections, handling persistence layer for SVG files, creating wrapper classes for Paper.js API used for drawing
- Backend written in NodeJS, persistence handled with Redis queue, and frontend developed with ReactJS

Scenic Route

- App that allowed users to plan road trip based on interests and amount of free time built for PennApps XIII
- Responsibilities included designing database, writing server backend, and REST Client for Android App
- Server backend written in Python, database in MongoDB, and REST Client in Java

Kyzr

- Virtual "Torch Passing" game allowing users to pass torches associated with Android phones between each other
- Full stack implementation including Android app, website (thekyzrproject.com), and server
- Responsibilities included Android development, facilitating networking between Android app and server via HTTP, and handling server side tasks such as receiving and processing HTTP requests and adding to database
- Written using Java, Javascript, Python (using Flask web micro-framework), and MongoDB

Hashtag Gloves

- Worked on team that built gloves that connect to Twitter.
- Responsibilities included programming back end in Python
- Built for 2014 HackHolyoke Hackathon, placed 3rd out of roughly 50
- Featured in Today Money, Boston Magazine, BostInno, and other news sources

SKILLS

BACKEND DEVELOPMENT: NodeJS, Ruby on Rails, Java, Python/Flask, PHP, MongoDB, MySQL

FRONTEND DEVELOPMENT: JQuery, AngularJS, ReactJS, HTML, CSS, Javascript, Android

TESTING/AUTOMATION: Unit Testing, Test Driven Development, Jenkins, JUnit, Mockito

ORGANIZATIONAL: Git, Scrum, JIRA

FOREIGN LANGUAGES: Spanish (Professional Proficiency)