

Neil Patil

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EXPERIENCE

Software Engineering Intern - Atlassian, Inc

Summer 2016

- Created a Java Spring framework to automatically monitor and test for quality on user feedback data
- Prioritized extensibility and ease of use, letting developers quickly add new health checks with YAML markup
- Improved systems for collecting user feedback, writing Python/SQL scripts to automate follow up emails

Software Engineering Intern - Indeed, Inc

Summer 2015

- Created a bookmarklet to auto-fill online job applications using a jobseeker's resume
- Developed Javascript to identify and fill form fields, and a Java Spring backend for matching fields to user data
- Deployed project as a feature within the Indeed iOS app using Indeed's A/B testing framework

Freelance Developer - Daylighted, Inc

Sept 2014 - Jan 2015

- Built Android TV art gallery software for a startup that sold art using wall-mounted displays
- Incorporated communicating with a REST API to buy art and modify the art collection

Software Engineering Intern - Indeed, Inc

Summer 2014

- Prototyped an Android app, and Django Python webapp, for automatic resume-based job search
- Worked with UI designers to improve the HTML/CSS frontend for a location-based job search webapp

EDUCATION

Pursuing B.S. in Computer Science - The University of Texas at Austin

2016 - 2020

Turing Scholars Honors Program Courses: Data Structures, Discrete Math, Vector Calc, Competitive Programming

PROJECTS

LASACTF - Co-founder, Developer (lasactf.com)

Dec 2015 - March 2016

- Online computer security competition for high school and college students, with 5000+ competitors worldwide
- Led a team of 10 to create the competition, developed the website frontend, and managed communications

manaTEAMS - Team Lead, Developer (manateams.com)

Aug 2014 - June 2016

- Chrome and Android apps that let students easily check their grades by pulling data from online gradebooks
- Acquired over 6000 users and was recognized by the Austin ISD school district

Geobells: Location Reminders - Creator (geobells.com)

June 2013 - March 2015

- Android app for location-based-reminders (geofencing). Received 16,000+ installs on the Google Play store

SKILLS

Proficient: Java, Android, Git, Python

Familiar: Javascript, UNIX, SQL, CSS/HTML, Spring, LaTeX, Bash

Working Knowledge: MongoDB, NodeJS, AngularJS, Gradle, DynamoDB, Django, Arduino, Redshift

LEADERSHIP AND EXTRACURRICULARS

Computer Science Competitions

- UT ACM Competitive Programming Team Member Aug 2016 - Present
- USA Computing Olympiad - Gold Division 2015
- LASA Computer Security Team Lead - 1st (sCTF 2015, 2016), 3rd (TJCTF 2016) 2015 - 2016

Science Olympiad - Team Captain

2014 - 2016

- Co-managed tournament planning, fundraising, and team selection for an 80+ student club
- Helped lead team to nationals for the first time in three years, placing third, a Texas all time highest
- Nationals 2015: 3rd - Team, 1st - Scrambler Engineering Event (build a vehicle to move an egg at high speed)