

# Neil Patil

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## EXPERIENCE

### Software Engineering Intern - Atlassian, Inc

Summer 2016

- Maintained automated systems for collecting and analyzing product feedback
- Created a Java Spring framework to monitor feedback changes and periodically run checks on data quality
- Prioritized extensibility and ease of use, making it simple to add new health checks with YAML markup
- Wrote Python and SQL scripts to send email responses to user feedback

### 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 for buying art and modifying 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

Coursework: Data Structures, Discrete Math, Vector Calculus, Competitive Programming

## PROJECTS

### LASACTF - Co-founder, Developer ([lasactf.com](http://lasactf.com))

Dec 2015 - March 2016

- Online computer security competition for high school and college students, with 5000+ competitors worldwide
- Led competition preparation, implemented the website front-end, and managed communications

### manaTEAMS - Team Lead, Developer ([manateams.com](http://manateams.com))

Aug 2014 - June 2016

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

### Geobells: Location Reminders - Creator ([geobells.com](http://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, Maven

**Worked With:** MongoDB, NodeJS, AngularJS, DynamoDB, Django, Arduino, Redshift

## EXTRACURRICULARS

### Computer Science Competitions

2012 - present

sCTF Computer Security Competition - 1st (2016)

sCTF Computer Security Competition (2015) - 1st (Rank 1/872)

TJCTF Computer Security Competition - 3rd (2016)

USA Computing Olympiad - Gold Division (2015)

### Science Olympiad

2010 - 2016

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 Place Team, 1st Place - Scrambler Engineering Event (build vehicle to move an egg at high speed)