

ANDREY LUKIN

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EDUCATION

Georgia Institute of Technology

Aug. 2015 to Dec. 2019

Computer Science Concentrations in System Architecture and AI

Coursework: Adv. Computer Org, Processor Design, Computer Vision, Compilers, Machine Learning, Computer Systems and Networks

EMPLOYMENT

Paypal Inc. · Software Engineering Intern

May 2019 to Aug. 2019 · San Jose, CA

- Developed a tool based on a paper from UC Davis that estimates the likelihood of a file having a bug based on Github statistics.
- Wrote and tested a modular service with a Spring backend with a MySQL database, and interfacing it with a React Chrome extension.
- Developed a Slack bot to promote diversity and inclusion in the workplace, by creating diverse lunch groups.

Smartling Inc. · Software Engineering Intern

May 2018 to Aug. 2018 · NYC, NY

- Designed and built a modular integration between Smartling's frontend and the backend of competing translation companies.
- Created a service using Node.js and MySQL which translated over 60,000 strings in the first month of being deployed to production.
- Initiated work on a new system written in Spring and MySQL to accelerate the problematic workflow of freelance translators.

NeadWerx Inc. · Database Co-op

Summer 2016 to Fall 2017 · Atlanta, GA

- Worked with the company for three semesters in the GT Co-op Program
- Developed the backend of the company's software, MerchLogix, using Perl and PostgreSQL and worked with over 900 tables
- Improved the authentication system, by blocking potential malicious users, and by minimizing storage used by the authentication tables

PROJECTS

Bizzy - Create-X

Feb. 2016 to Dec. 2018

- Accepted into Idea to Prototype and Startup Lab: Create-X selective entrepreneurship program at GT
- Lead a team to create an app that helps students create real-time physical on demand study groups
- Created a cross-platform React Native app with a Firebase realtime database in the backend

Perpify - Personal

Mar. 2019 to Current

- Personal project to study my Spotify listening habits more in-depth, and build a Machine Learning model to try to predict music taste changes.
- Running a background Node.js Digital Ocean Droplet that pings Spotify every minute. Save data about recent songs listened to a Firebase database.
- Integrated Twilio API that allows me to get instant details about my listening habits, and about song/artist I am currently listening to.

Narr - Personal

June 2018 to June 2018

- Restored an early 20th century Philco radio by re-soldering components and integrating a Raspberry Pi into the speakers.
- Used a Node.js server connecting to the Spotify API to change playlists playing based on the turning of knobs on the radio.
- Wrote Bash scripts to connect Raspberry Pi to the home wifi

VOLUNTEERING

Sigma Camp · Counselor and TA

Summer 2012 to Current · Silver Lake, CT

- One of the founders of a non-profit camp with 501(c)3 status that provides high school students the opportunity of learning STEM-related studies with professional scientists
- Taught classes on Arduino Programming, Computer Vision, and Version Control.
- Assisted in growing the camp to hosts 120 campers per summer, and to run a fundraiser to collect almost \$120k in donations this year

SKILLS

PROGRAMMING LANGUAGES: Javascript, Java, Perl, Python, SQL, C

FRAMEWORKS: Node.js, React Native, Flask, Django, PostgreSQL, MySQL, Express.js, Spring, Kafka, Mocha/Chai, Eureka

ENVIRONMENT AND TOOLS: Git, Vim, Unix, Twilio, DigitalOcean, JIRA, Splunk, Firebase, Expo, Kibana, Jenkins, S3, EC2, Docker

LANGUAGES: English, Russian, French

CLUBS/EXTRACURRICULARS: Glee Club, Jui Jitsu, Climbing, GT Ballroom Club, GT Crew Club

AWARDS

Best Civil/Health Hack
PennApps

Best UX
HackGT

2nd Place
Home Depot Hackathon

3rd Place
VandyHacks IV