

ANDREY LUKIN

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SUMMARY

Looking for a Software Engineering Internship for Summer 2019

EDUCATION

Georgia Institute of Technology
Computer Science
Concentrations in System Architecture and Theory
Expected Graduation December 2019
Current Coursework: Computer Systems and Networks, Compilers & Interpreters, Automata and Complexity

SKILLS

PROGRAMMING LANGUAGES:

Javascript, Java, Perl, Python, SQL, C

FRAMEWORKS/LIBRARIES:

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

GT Glee Club

Jui Jitsu

Pi Epsilon Phi Service Fraternity

GT Ballroom Dancing Club

Liberty in North Korea

GT Crew Club

EMPLOYMENT

Smartling Inc., *Software Engineering Intern*, NYC, NY

May 2018 - Aug. 2018

- Interned on the Connectors Team at Smartling where I wrote clean, production-ready code with unit and integration tests
- Designed and built an integration which allows companies to use Smartling's modern translation interface tools but also receive translations from their traditional translation providers
- Initiated work on a new system to allow post-translation review of correctly formatted documents by the translation freelancers
- Led the way on switching from using the Java Spring framework in our services to using Node.js and Express.js

NeadWerx Inc., *Database Co-op*, Atlanta, GA

Summer 2016 - Fall 2017

- 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
- Created software to generate customer-specific reports and to import customer-specific data into the database
- Improved the authentication system, by blocking potential malicious users, and by minimizing storage used by the authentication tables
- Implemented API differentiating functionality on a per customer basis

PROJECTS

I2P - Bizzy

Fall 2018

- Accepted into Idea to Prototype: Create-X selective program at GT to launch an app in Fall 2018 on campus
- Lead a team on creating an app called Bizzy that helps students create real-time physical study groups on-campus using React Native and Firebase

3rd Place - Congressect, *VandyHacks IV*

Nov. 2017

- Worked with a partner on creating an app which allowed the general public to be more aware of their Congressmen's policies
- Hosted the project on a Digital Ocean droplet, and used Firebase, Flask, Ionic 2, and sentiment analysis API

Best Civil/Health Hack - Zeppelin, *PennApps XVII*

Jan. 2018

- Created an app to help offset users' transportation CO2 emissions
- Developed the app using React Native and SQLite to ensure cross-platform use, and used the Google Maps and animation APIs to create a very clean user interface

2nd Place - TextDiy, *The Home Depot Hackathon*

Oct. 2017

- Created an SMS chatbot that presents the user with DIY project inspirations, and the tools and the materials necessary to make them
- Built a web crawler to collect building tutorials for hundreds of projects
- Hosted the project on a DigitalOcean droplet, and had the backend running with Twilio, Flask, and PostgreSQL

VOLUNTEERING

Sigma Camp, *Counselor and TA*

Silver Lake, CT

Summer 2012 - Current

- 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
- Teach an Introductory Arduino course where I help campers understand the basics of electrical engineering and C programming
- Run workshops on data structures and sorting algorithms, the blockchain, 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