

Eli Gukovsky

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341 Brook Village Rd Apt 23, Nashua, NH, 03062

SUMMARY Software engineer with experience in networking and web development. Always eager to learn more. Well-versed in multiple programming languages, libraries, and tools. Won several awards at hackathons. Effective team worker and communicator.

EDUCATION B.S. in Computer Science at UMass Amherst, Class of 2020
GPA: 3.636, Major GPA: 3.730

TECHNICAL SKILLS

Programming Languages	Python, JavaScript, TypeScript, Java, C, C#, Objective-C
JavaScript Frameworks & Libraries	Vue, React, jQuery, Polymer, three.js, PIXIJS, Firebase
Tools	Git / Github, SVN, Webpack, gulp, yarn, npm, Unity, Xcode
Other Experience	RESTful APIs, HTML/CSS, SCSS, Node.js, SQL, YAML, XML

WORK EXPERIENCE

Juniper Networks - Westford, MA **Summer 2018, Summer 2019, June 2020 - Present**

June 2020 - Present: - *Systems Test Engineer*

- Created test cases for mobile technologies such as 5G AGF-FNRG, UPF, 3GPP CUPS
- Developed a new Python infrastructure codebase for interfacing with external testing software
- Supported the codebase, from adding new features to helping other developers contribute
- Composed detailed plans for testing new features, with functional, scaling, and negative testing
- Confirmed the system's conformity to established industry-wide technical standards

Summer 2019: - *Systems Test Intern*

- Contributed to Python infrastructure code to test MX Series 4G Universal Routing Platform
- Created statistics calculation to verify scaling and performance of the routers
- Automated multiple components and features for seamless testing by the rest of the team
- Rewrote a utility to identify hardware, achieving a greater than 50x speed improvement

Summer 2018: - *Systems Test Intern*

- Made unit tests for an existing program that would test high-end routers
- Verified quality of over 7000 lines of code, helping prevent future regressions
- Utilized multithreading to test a feature involving a complex state machine

H.H. Brown - Andover, MA - *Software Development Intern* **Summer 2015**

- Built an iOS app to let users register purchases, get promotional offers, locate stores, etc.
- Worked with a graphic designer and another intern to create the app

PROJECTS

My Website - www.gukovsky.com

- Showcase of my side projects, including Minesweeper, Tetris, and a 3D Rubik's Cube

HackUMass V (2017) - *Best Robotics Project (*Pointr)*

- Created a program to use a Leap Motion controller to easily switch lights on/off

Augmented Reality Sandbox (2015)

- Built a sandbox with a projector and an Xbox Kinect to display real-time topography
- Presented at MIT's LINC (Learning International Networks Consortium), LearnLaunch 2016

H.H. Brown Hackathon (2014) - *Best Web App (Laser Shoe)*

- Built a game using a shoe catalog API as a unique way to advertise shoes