




# DAVID KELCHNER

 david@kelchnerd.com

 kelchnerd.com

 (401)-871-7766

I am an accomplished software engineer, drawing on my experiences in the world of networking, full stack web development, web design, front end and back end development, project management skills, and QA testing. I pride myself on my problem solving skills, excellent verbal communication skills, and organizational skills to get a project completed correctly and on time. Using my keen attention to detail and problem solving, I am well suited for any quality assurance or management task. I am agile and willing to learn any new APIs that come with any new projects.

## X EDUCATION

### Computer Science BS

May 2020

## X RELEVANT SKILLS

### Programming Tools

Notepad++, Visual Studio, Vim, Nano, Gedit, PyCharm, Eclipse, GitHub, FreeCAD, Blender, Jenkins

### Programming Languages

#### Front End Languages

HTML, CSS, JavaScript, Angular JS, Vue JS

#### Back End Languages

C, C++, C#, Java, Python, HTML, CSS, PHP, R, Rust

### Networking/Web Tools

Iptables, Apache2, PuTTY/SSH, MySQL, WordPress, AWS, Pixi.js, Three.js, Node.js, MongoDB, NetCONF, Wireshark

### Business Tools

Trello, Slack, Obsidian, Redmine

### Operating Systems

Windows (3.1 to 11), DOS, MacOS, Linux (Arch, Debian, Ubuntu, Fedora, Mint)

*References available upon request*

## X EXPERIENCE

### Tibit Communications

Dec '19 – Dec '22

Worked as a PON engineer, covered Netconf development, designing automated testing, designing test cases

### Ciena

Jan '23 – Mar '23

PON engineering, NetCONF development, back end testing, new network protocol implementation

### Startup

Mar '23 - Present

Part owner, senior programmer, Freecad and Blender modeling, script development, web design, web applications, web architecture, front end web, back end development, designing software, javascript application, project management, full stack development

## X LEADERSHIP & SERVICE INFO

### BSA

Eagle Scout

### Narragansett Bay Symphony

#### Community Orchestra (NABSCO)

East Providence

Bassist

## X ACHIEVEMENTS & PROJECTS

### Hoya Hacks 2019

Equity and Access Winner