

John Duncan Shaeffer Jr.

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EDUCATION

B.S. Computer Science, Arizona State University, Ira A. Fulton School of Engineering May 2020

SKILLS

- ❖ Frontend: HTML/CSS, JavaScript, TypeScript, React (with NextJS or Gatsby), AngularJS, Vue
- ❖ Backend: Node, Express, Python, C/C++, Java
- ❖ Testing: Cypress, Jest, Mocha/Chai
- ❖ Data: SQL, MongoDB
- ❖ Mobile: Swift, React Native
- ❖ Other: Linux, x86-64 Assembly, Vim, Git/GitHub

PROFESSIONAL EXPERIENCE

Software Developer, The Luminosity Lab, Tempe, AZ Aug 2018 - Present

- ❖ Developing and collaborating in a diverse startup environment, releasing innovative solutions.
- ❖ Contributing React frontend and Node backend code to an app that is meant to help disability care facilities give better service.
- ❖ Built a React Native app that acts as a controller to steer around a small, consumer robot.

Software Developer (Senior Capstone), NASA Psyche Mission, Tempe, AZ Aug 2019 - Present

- ❖ Writing Python image analysis code and React frontend code for a Node application designed to help meteorite professionals.

Software Engineering Intern, Hughes Network Systems, Germantown, MD May 2019 - Aug 2019

- ❖ Enhanced a MEAN full stack app backed by Python that currently helps certain teams in the company test critical functions surrounding its bandwidth allocation and traffic software.

Frontend Developer, HikerFeed, Remote Mar 2019 - Jun 2019

- ❖ Contributed Vue frontend code for a social networking app, connecting long-distance hikers.

Google Cloud Platform Ambassador, Google, Tempe, AZ Oct 2017 - May 2018

- ❖ Led events teaching complexities of the Google Cloud Platform along with engineers at Google to help students and faculty launch personal applications (recruited via Vaco).

Information Systems Intern, Cottonwood Residential, Salt Lake City, UT May 2017 - Jun 2017

- ❖ Worked closely with tax and audit managers, consulted on improvements to their website.

Web Developer, We Include Pluto, Provo, UT Jan 2017 - Apr 2017

- ❖ Created 1 simple website in order to sustain their 33% increase in social media growth.

LEADERSHIP / COMMUNITY SERVICE / INVOLVEMENT

Committee Chair, Tempe Institute of Religion, Tempe, AZ Jan 2018 - Dec 2018

- ❖ Led and participated in 10+ service projects and events, collaborating with community leaders.

Appalachian Trail Thru-Hiker, Appalachian Trail, Georgia to Maine May 2018 - Aug 2018

- ❖ Hiked the entirety of the Appalachian Trail (2,190 miles) in 103 consecutive days, crossing 14 states on foot.

1st Place Team, 14th Annual Women in Computer Science Coding Competition, Tempe, AZ Mar 2018

- ❖ Solved the most Java programming problems as a team of 3 students against 38 other teams.

Full-Time Volunteer Representative, The Church of Jesus Christ of Latter-day Saints, Paraguay

Sep 2013 - Sep 2015

- ❖ Taught 1000s of citizens and local leaders, giving service in 5 separate urban areas.
- ❖ Gained proficient skill in professional written and oral Spanish.

Eagle Scout, Boy Scouts of America, Phoenix, AZ Jun 2007 - May 2011

- ❖ Led a group of more than 40 volunteers, delegating tasks and acquiring sponsors.

PERSONAL HOBBIES / INTERESTS

Family, long-distance backpacking (AT 100%, PCT 11%), trail running, cooking, viola