SUMMARY:

Two years of technical experience as a software engineer in web application design and development. Strong software development skills in multiple hardware and software platforms using both Agile and traditional methodologies.

TECHNICAL SKILLS:

Programming Languages:

* Java, JavaScript, C, Python, Ruby, PHP, HTML, CSS, SQL, MATLAB, SAS, LATEX.

Operating Systems:

* UNIX, Linux Ubuntu, Microsoft Windows.

Applications:

* Apache HTTP Server, Eclipse IDE, IntelliJ IDEA, Sublime, Git, JIRA, Bitbucket, Selenium, Adobe Photoshop, Adobe Illustrator.

EXPERIENCE:

Instructor/Web Developer - *MATHNASIUM*, North Potomac MD, 10/2018 - Present

* Tutored students Grade 2-12, built custom learning plans, and worked with parents on their progress.
* Automated data entry for administrators using Java and Selenium, increasing productivity tenfold.
* Developed front-facing site for clients and file browsing site for admins using HTML/CSS, JavaScript, and Node.js.

Design Team Organizer - *BITCAMP*, College Park MD, 11/2017 - Present

* Designed vector and pixel art graphics used on websites and promotional videos with Adobe Photoshop, Illustrator, and After Effects.
* Developed avatar creator website using HTML/CSS, JavaScript, and Facebook, Twitter, and Slack API.

Quality Control Intern - *FINRA*, Rockville MD, 05-08/2017 & 05-08/2018

* Wrote thorough automated tests to validate front-end with back-end of Microsoft Dynamics CRM, Oracle PeopleSoft, and Firm Gateway, using Java, SQL, and Selenium, deployed on Jenkins.
* Worked in an Agile environment with multiple developers and testers, attending daily stand-up meetings and using JIRA for test specifications and bug reports.
* Collaborated with other interns to create an interactive SVG seating chart/floor plan using HTML/CSS, and JavaScript.

Web Development Intern - *TSPI*, Reston VA, 05/2013 - 08/2013

* Developed company portal and automated ticketing system in ASP.NET using HTML/CSS, and JavaScript.
* Built cloud server boxes for medical professionals.

Cartoonist - *THE DIAMONDBACK*, University of Maryland College Park, 10/2013 - 08/2016

* Wrote and drew daily comic strip and weekly editorial cartoon featured in student newspaper distributed campus-wide, using Adobe Photoshop and Illustrator.

EDUCATION:

Bachelor of Science in Mathematics (Applied Mathematics)

* University of Maryland, College Park, 07/2018
* Relevant Coursework: Object Oriented Programming, Discrete Structures, Data Science, Algorithms, Real Analysis, Numerical Analysis, Statistical Computing

EXTRACURRICULAR:

Terrapin Hackers - University of Maryland College Park, 08/2015 - 07/2018

* Worked with a team to redesign and renovate club’s hackerspace “Collider”, including brightening up the space with vibrant wall art.
* Attended hackathons such as MedHacks, Hoya Hacks, VTHacks, HackRU, and MHacks with other club members.

Safety Officer - *Barbell Club*, University of Maryland College Park, 08/2017 - 07/2018

* CPR/AED and First Aid certified.