Sean Helm

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Education

George Mason University
Currently pursuing a Bachelor of Science degree in Computer Science.

McLean High School
Graduated with an Advanced Diploma.

Experience

Software Engineering Intern
Alarm.com, Tysons, VA, 2016 — 2016
Built an API in C# to update branding information on home security panels faster and more reliably by automating a previously manual process.
Implemented a caching system for account information to speed up the dealer site page load speed by 40-60%.
Developed a tool to allow home owners to verify local retailer information.

Software Engineering Intern
Sure Secure Solutions, Reston, VA, 2014 — 2015
Worked in a team on a government contract to develop a secure and multi-functional internal NASA web portal.
Developed and managed the official company website using JavaScript where appropriate to make webpages robust and responsive.
Managed server through Amazon Web Services.

Intern
Alesig Consulting, Falls Church, VA, 2014 — 2014
Aided in the development and testing of the Detroit Department of Transportation mobile application.
Managed research database and wrote in-depth reports about the mobile application.

Skills

Proficient in: Java, Python, C, C#, HTML, CSS
Prior experience: SQL, PHP, JavaScript
Frameworks: ASP.NET, Flask, Numpy/Pandas.

Leadership

Philanthropy Committee
Pi Kappa Phi Fraternity
Organized campus fundraisers and philanthropic events for The Ability Experience for children with disabilities.