Michael Vanderlyn

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skills

Programming Languages

Java, Python, C, Git, HTML, JS, CSS, PHP, Typescript, Appscript,LaTeX

API's and Frameworks

React.js, Redux, Jquery, Google MDL, Material-ui, Bootstrap,Google Suite API, OpenCV

Non-Programming

Google Suite, Eclipse, Unix, vim, AWS S3, AWS Lambda, AWS CloudWatch, Microsoft Azure, Agile Methodology, Jira, ssh, puTTY, FileZilla, Android Studio, German Language, PTC Creo Parametric, Microsoft Office

education

George Mason University| Computer Science | GPA: 3.83 | August 2016 - Present

Thomas Jefferson High School | GPA: 3.93 | September 2012 - June 2016

professional experience

Software Engineer Intern at Blue Ridge Dynamics | September 2018 - Present

Worked on developing several different projects for customers. Worked primarily with Backbone.js, Jquery, Google Maps API, and Grails.

Northrup Grumman Intern Supporting DHS | June 2018 - August 2018

Worked on PSPD team under the CBP to develop an internal reporting web portal. Implemented Agile methodology to rapidly develop and deploy a react-redux web application. Learned how to use UML diagrams to assist in designing a project. Worked on a group intern project to develop a different react app to speed up new hire onboarding process.

Verizon Digital Media Service Intern | June 2017 - April 2018

Worked on the Strategic Alliance and Channel Management team to streamline their internal website. Used Google API's to develop an automated weekly update platform for partner information. Worked on a group intern project to implement Amazon Lambda with video package XML validation.

projects

Nasdew | October 2016 - April 2017

Used HTML, CSS, JS, JQuery, Google Maps, and MDL API's to make the frontend for Nasdew, a fully functioning app that allows users to keep track of items going on sale by inputting and viewing prices of items in their area.

CampusUnite | September 2015 - June 2016

Built a fully functioning app utilizing android mobile and web platforms along with a database, and data streaming technology for instant messaging functionality.