

Divya Karuturi

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Education

University of Virginia, School of Engineering and Applied Sciences

Charlottesville, VA

Bachelor of Science in Computer Science

May 2018

Major GPA: 3.676 | Overall GPA: 3.481

Relevant Experience

IBM Bluemix Devops

Durham, NC

Software Engineering Intern

May 2016 – August 2016

- Worked as a member of IBM's Bluemix Pipeline team, which automates the build and deployment of cloud native applications
- Increased the test coverage of Pipeline's micro-services using Mocha, Chai, and Istanbul
- Developed third-party integrations for a prototype CI/CD platform using Node.js and Docker

IBM Cloud Managed Services

Rochester, MN

Software Engineering Intern

May 2015 – May 2016

- Created a database emulation tool with SQL statements and wrote JUnit tests for existing code
- Documented the process to automate regression testing across the CMS department.
- Knowledge and experience in agile development
- Automating the deployment of a server using UrbanCode Deploy and shell scripting

Student Game Developers

Charlottesville, VA

Treasurer and Co-Director

January 2014 – Present

- Directing a team of 15 programmers and designers to create a multiplayer web game
- Designed features and game mechanics of several platform style computer games
- Managing the finances of the club, including fundraising and budgeting

Skills

Programming Languages: Java, Javascript (Node.js), C++, PHP, HTML

Technical Skills: Linux, Docker, Git, GitHub, MySQL, Eclipse, Microsoft Office, Mathematica, MathCAD

Related Coursework

Courses: Program and Data Representation, Algorithms, Computer Architecture, Computer Graphics, Web Applications, Human Computer Interaction

Software Development Methods

- Gained experience with Android Studio and using Agile methodologies
- Worked in a group of four to design and create an android app

Extracurricular Activities

Virginia Governor's Summer STEM Program

Lynchburg, VA

Worked with and learned Visual Basic to create games, tools, and animations

May 2013 – June 2013

Norfolk State University Research Program

Norfolk, VA

Performed various scientific experiments using formal lab procedure

June 2012 – July 2012