

Divya Karuturi

dsk5df@virginia.edu
333 Mary Munford, Charlottesville, VA 22904
(757) 759-7930

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: 3.488

Relevant Experience

Amazon

Seattle, WA

Software Engineering Intern

May 2017 – August 2017

- Integrated a filter to remove substitute recommendations to enhance the customer experience
- Automated the selection of recommendation strategies based on the context
- Improved the coverage of recommendations in transactional emails

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

Skills

Programming Languages: Java, Python, Javascript, C++, PHP, HTML, CSS

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

Specialized Coursework: Web Programming Languages, Computer Graphics, Human Computer Interaction

Extracurricular Activities

Student Game Developers

January 2014 – Present

- Directed 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 as Treasurer, including fundraising and budgeting

HackNC

October 2016

- Converted unstructured user data into consumer profiles
- Discovered personalized marketing trends using a machine-learning analysis

Pearl Hacks

April 2016

- Created a website that allows users to track their goals using a Typeform
- Data was integrated using Zapier and the website was deployed with AWS