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: 3.488

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
- Used A/B experiments to expand the coverage of customers receiving email recommendations

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 using the agile methodology
- 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.
- 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, artists, and designers to create a multiplayer web game
- Managed the finances of the club as Treasurer, including fundraising and budgeting
- Improving the club website and managing team assets as Webmaster

Advanced Software Development Teacher Assistant *August 2017 – Present*
- Leading office hours to tutor students, conducting labs, and grading homework assignments

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