GOUTHAM DEVA
SOFTWARE ENGINEER

Passionate software developer with 7 years experience in software development. Looking for new experience pursuing a full time software engineering role.

- ✉ godeva@wpi.edu
- 🌐 www.gouthamdeva.com/
- 📞 (603)-682-4516
- in /in/gouthamdeva
- ⚙ godeva

Education

Worcester Polytechnic Institute — Aug. 2015 to May 2019
Bachelor of Science in Computer Science
Dean's List Fall 2017 and Spring 2018

Skills

CORE LANGUAGES
Java 11/8
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TOOLS AND SKILLS
APIGEE
WSO2
SpringBoot
Swagger
Amazon Web Services
Rancher
Git
Angular
Node.js
JIRA
Maven
Jenkins CI/CD
URouter
Datadog
Apache JMeter
PL/SQL

RELATED COURSEWORK
Software Engineering
Web Development
Machine Oriented and Assembly
Database Systems
Discrete Mathematics
Object-Oriented Design
Operating Systems
Data Science Mining
Foundations Of Computer Science
Cyber Law and Policy
Data Visualization
Machine Learning

Employment

Fidelity Investments
Software Engineer — Merrimack, NH — June 2019 to Current
- Experience building multiple modern REST APIs under the Mutual Funds Tribe
- Hands-on experience developing RESTful web services on Java frameworks such as Spring MVC and Java EE
- Experience working with Apigee Edge, WSO2, URouter, Swagger, AWS Services, Rancher 2.3, CI/CD Jenkins Pipelines, Maven, Datadog, Springboot, Mox (Apache JMeter)
- Works self-contained and self-motivated to drive the development of highest standard

NVIDIA
Software Engineering Intern — Santa Clara, CA — Jan. 2019 to Mar. 2019
- Improving Tegra Boot and Power Management Processor (BPMP) Code Base to achieve safety requirements under MISRA and ISO 26262 standards

Analog Devices
Software Engineer Fall Co-op — Boston, MA — Sept. 2018 to Dec. 2018
- Assisted in building an RC model autonomous vehicle for trade show demos. Configured SLAM algorithm and with Lidar, IMU, and Camera sensors.
- Worked with ROS (Robotic Operating System) using NVIDIA Jetson TX2 and NVIDIA Drive Px1 Model.

Worcester Polytechnic Institute
Information Security Specialist — Worcester, MA — Nov. 2017 to May 2018
- Assisted in building Splunk Queries to uncover security issues
- Built Python based web crawlers to collect statistic for information security team
- Writing reports and documentation for Gitlab Projects

Worcester Polytechnic Institute
IT Specialist — Worcester, MA — Sept. 2016 to Nov. 2017
- Assisted in resolving customers issues with hardware, software, and networking
- Researched client issues to resolve complaints promptly
- Supported faculty and students via technical support calls

Projects

WPI Capture the Flag 2019
Mar. 2019 to Apr. 2019
One of the moderators WPICTF 2019. In addition, made Web challenges that required knowledge of exploiting PHP vulnerabilities.

WPI Capture the Flag 2018
Jan. 2018 to Apr. 2018
Hosted WPICTF 2018 and managed 600 teams as admin answering participant questions. Used Google Cloud, Docker, and python scripts to host and handle all the challenges.

RANKIT ~ A Machine Learning Ranking Analytics Tools
Aug. 2017 to May 2018
Developing front end views and back end connection to machine learning application. Project consists of three individual applications including interactive views, machine learning, and a database component. Takes in user inputted data and evaluates info through machine learning to provide best form of ranking view.

Quality Center Selenium Utilities
May 2017 to Aug. 2017
Solo developed project where I wrote automation scripts to retrieve content from Quality Center into formatted automated test cases. Also developed user-defined parameters, data base mining, and search/update queries utilizing batch and property files.

CAESAR ~ Context-Aware Event Stream Analytics Project
Dec. 2016 to May 2017
Managed and developed Front end and connected back end build of Project CEASAR model views. The application model can query heavy amounts of big data and provide queries, analytic, and interactive views to help the user identify areas of most frequent information (Awarded publication credit).

LetterCraze Application/Builder
Oct. 2016 to Dec. 2016
Built a graphical puzzle games with multiple game modes and the ability to make custom levels. Team leader of the project and provided tasks while also coding parts of the project. Developed using Java Swing.

Activities

Cyber Security Club · President and former Vice President/Treasurer
Sept. 2016 to Jan. 2019
- As President, I help instruct fellow members on exploring multiple approaches to take on security challenges.
- I also create CTF Challenges for Students to learn about common vulnerabilities, specifically in Web.
- I help to fund Capture the Flag competitions and facilitate security lecture events to help promote the club.

Association of Computing Machinery · Secretary
Sept. 2015 to Aug. 2018
- Organize events, hackathons, managed email aliases, and provide direct communication with members, officers, and companies to help strengthen and promote growth in learning computer science for college students.