





GAUTHAM YERROJU

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 GauthamYerroju

Skills

Overview

- OOP, callback & promise paradigms
- Full stack application development
- Data wrangling and visualization
- Quick to learn new tools & workflows
- Desire to use best practices
- Tendency to read the manual
- An eye for UI and UX

Languages and Libraries

- Languages: C, C++, Java, Python
- Databases: SQL, MongoDB
- Web: HTML5, CSS3, JavaScript, PHP, NodeJS
- Version Control: Git, Perforce
- Libraries: jQuery, Numpy, Pandas, Matplotlib
- Frameworks: Bootstrap, ExpressJS, Mongoose, Flask
- Other: Windows Batch, PowerShell, AutoIT, AutoHotKey, Linux Shell

Experience

Aug 2017 - Present **Graduate Teaching Assistant** University of Nevada, Reno

- Graded programming assignments, home works and exams
- Conducted Q & A sessions for students twice a week
- Occasionally taken lectures

Jan 2016 - Jul 2016 **Full Stack Web Developer** CA Technologies

- Designed and built a web application from ground up to publish quarterly surveys and aggregate results on a dashboard
- Used NodeJS, ExpressJS and MongoDB, with Active Directory for authentication and role management
- Learned all the required tools and implemented the application in five months, following best practices (mostly from the 12-factor app paradigm)

Mar 2012 - Aug 2015 **Senior Automation Engineer** FACTSET Research Systems

- Worked on developing and maintaining a framework using IBM STAF and Python on which automated tests can be scheduled, their results stored and sent to test owners
- Integrated the framework with other internal tools using SOAP and REST APIs
- Worked on developing a web application to schedule tests and view results (PHP, MSSQL and jQuery)
- Was consistently rated 'Exceeds Expectations' or 'Outstanding' in every half-yearly review
- Was awarded the 'Star Performer' award three times during career
- Interviewed and trained new hires for the team


Education

2016 - 2018 **MSc., Computer Science and Engineering**
University of Nevada, Reno





2007 - 2011 **BTech., Computer Science and Engineering**
Jawaharlal Nehru Technological University Hyderabad

Projects

Academic

- **Thesis:** Extreme-scale Big Data Storage Failure Analysis (Advisor: Dr. Feng Yan): Analyze disk failures in real-world big data storage systems and build a failure prediction algorithm
- **OpenGL Game:** Sky Roads like game with Bullet physics and a custom level loader (and a level generator ) in a team of three
- **Android Application:** Implemented Google Places API, AOSP and Play Services location APIs with gracefully degrading location strategy
- **OpenCV:** Face counting in panning video using Haar cascades and frame stitching

Personal

- Personal website 
- CSS-only sliding menu 'Slidey' 
- Add-ons for RPG Maker XP 
- 'Ship Showdown' in Python 
- 'Breakout' using Java Swing 