

GAUTHAM YERROJU

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EXPERIENCE | **GRADUATE TEACHING ASSISTANT** University of Nevada, Reno
AUG 2017 – PRESENT

FULL STACK WEB DEVELOPER CA Technologies, Hyderabad, India
JAN 2016 – JUL 2016

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

SENIOR AUTOMATION ENGINEER FactSet Research Systems, Hyderabad, India
MAR 2012 – AUG 2015

- Worked on developing and maintaining a framework for running automated tests and a web application to control it (PHP, MSSQL and jQuery)
- Integrated the framework with other internal tools using SOAP and REST APIs
- Was consistently rated “Exceeds Expectations” or “Outstanding” in every half-yearly review

EDUCATION | **MASTERS IN COMPUTER SCIENCE AND ENGINEERING**
University of Nevada Reno, Nevada (Aug 2016 - Present)

BACHELOR OF TECHNOLOGY IN COMPUTER SCIENCE AND ENGINEERING
Jawaharlal Nehru Technological University, Hyderabad, India (Aug 2007 - May 2011)

- SKILLS**
- Quick to learn new tools and workflows
 - Desire to use best practices (and read the manual), focus on UI and UX
 - Git and Perforce workflows
 - Object-oriented, callback and promise programming paradigms
 - Full stack application development
 - Data wrangling and visualization

ACADEMIC PROJECTS | **Thesis:** Extreme-scale Big Data Storage Failure Analysis (Advisor: [Dr. Feng Yan](#))

OpenGL Game: Sky Roads like game with Bullet physics and a custom level loader (level generator: <https://codepen.io/gyerroju/pen/LbBwyo>) 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 PROJECTS | Game and web development projects on GitHub: <https://github.com/GauthamYerroju>