

# DEVAN PATEL

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## EDUCATION

**B.S. Computer Science Engineering, Mathematics** ○ University of Florida

· Selected Coursework:

**Computer Science:** Computer Network Fundamentals · Operating Systems · Data Structures and Algorithms · Object Oriented Principles · Design Patterns · Database and Information Systems · Concurrent Programming · Computer Organization · Digital Logic

**Mathematics:** Analysis · Complex Analysis · Analysis · Abstract Algebra · Combinatorics I&II · Combinatorial Theory · Multivariable Calculus · Probability Theory · Numerical Analysis · Computational Linear Algebra

## EXPERIENCE

<b>Goldman Sachs Group, Inc.</b> ○ Technology Analyst Intern, New York, NY	SUMMER 2013
· Implemented and tested a suite to analyze and monitor database and run-time performance metrics to predict anomalies. Developed graphical representations and statistical analysis to display ‘ history.	
· Designed API to integrate with Global Operations Technology teams cross-divisional.	
TECHNOLOGIES: Java, Groovy, R, DB2, JMX, JUnit, Maven, JIRA	
<b>Florida Institute for Cyber Security</b> ○ Research Assistant, Gainesville, FL	2014 - PRESENT
· Analyzed SSL/TLS Certificate Authority alternatives robustness and integrity to improve the certificate validation process.	
· Build module to capture results from passive network scans from over 4 million hostnames and integrated with FICS’ Certshim application.	
· TECHNOLOGIES: C, Python, Node.js, Angular.js, D3.js, Vagrant/Puppet/Chef, HTML, CSS, SQLite3, MongoDB, Github, Heroku	
<b>Rokk3r Labs</b> ○ Startup Fellow, Miami Beach, FL	SUMMER 2014
· Developed a proprietary full-stack enterprise agile project management tool to be used by all divisions.	
· Conducted technology analysis for machine learning, computer vision, and big data to design a prototype for several clients investment pitches.	
TECHNOLOGIES: Angular.js, Sails.js, Node.js, Javascript, CSS, HTML5, MongoDB, Redis, Selenium, Mocha, Jasmine, Heroku, Git	
<b>Nodeware, Inc.</b> ○ Software Engineer, Coral Springs, FL	2013 - PRESENT
· Consulting clients by developing proprietary applications specializing in SOA architectures.	
· Creating full-stack enterprise web applications hosted on Heroku servers.	
TECHNOLOGIES: Ruby, Rails, Javascript, CSS, HTML5, PostgreSQL, Node.js, Angular.js, RSpec, Heroku, Git	
<b>Pinch a Penny, Inc.</b> ○ Freelance Software Engineer, Coconut Creek, FL	SPRING 2013
· Developed proprietary Android application that enables pool servicers to connect to remote PostgreSQL database allowing CRUD functionality on client information.	
· Created Groovy command line scripts for retrieving customer information and sending to servicers via SMS messaging, increase servicing volume by 10%.	
TECHNOLOGIES: Python, Java, Groovy, PostgreSQL, HTML5, CSS, Android, JUnit, Apache Email Commons, Git	