# 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

**Goldman Sachs Group, Inc.** ∘ 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

**Florida Institute for Cyber Security** ∘ 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

**Rokk3r Labs** ∘ 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

**Nodeware, Inc.** ∘ Founder and Lead Developer, 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

**Pinch a Penny, Inc.** ∘ 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