

Devan Patel

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Computer Science graduate with a strong math and programming background looking for a software engineering role.

EDUCATION

UNIVERSITY OF FLORIDA

B.S. Computer Science
Engineering & Mathematics
Gainesville, FL
College of Engineering

SKILLS

PROGRAMMING

Java • C/C++ • Javascript • Python •
Ruby • Shell

WEB

HTML5 • CSS3 • JQuery • ES6 •
Angular.js • Node.js • Sails.js • Rails

DATABASE

MonogoDB • PostgreSQL • CouchDB •
Redis • Neo4J • SQL •

VERSION CONTROL

Git • Subversion • Mercurial

COURSEWORK

COMPUTER SCIENCE

Computer Network Fundamentals
Operating Systems
Data Structures & Algorithms
Object Oriented Principles
Design Patterns
Database & 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

EXPERIENCE

GOLDMAN SACHS GROUP, INC. | Technology Analyst Intern

May 2013 – August 2013 | New York, NY

- Database performance monitoring: Created a test suite to analyze, monitor and visualize database performance to predict anomalies.
- 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 | Researcher

Spring 2014 - Current | Gainesville, FL

- 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

NODEWARE, INC. | Software Engineer

Spring 2013 - present | Coral Springs, FL

- Consulting clients by developing applications specializing in SOA architectures.
- Operated closely with senior management at client companies to develop solutions to meet their business goals.
- Collaborated with senior developers to redesign and implement products to increase revenue growth.

TECHNOLOGIES: Ruby, Rails, Javascript, CSS, HTML5, PostgreSQL, Node.js, Angular.js, RSpec, Heroku, Git

ROKK3R LABS | Startup Fellow

May 2014 - August 2014 | Miami Beach, FL

- 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

PINCH A PENNY, INC. | Freelance Software Engineer

May 2013 - December 2013 | Coconut Creek, FL

- 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