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 • Groovy • Shell

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

DATABASE
MonogoDB • PostgreSQL • CouchDB • Redis • DB2 • Neo4J • SQLite3

VERSION CONTROL
Git • Subversion • Mercurial

PROJECTS

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
Abstract Algebra
Combinatorics I&II
Combinatorial Theory
Multivariable Calculus
Probability Theory
Numerical Analysis

EXPERIENCE

NODEWARE, INC. | Software Engineer
Spring 2013 - Current | Coral Springs, FL

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

TECHNOLOGIES: Angular.js, Node.js, CSS, HTML5, PostgreSQL, Mocha, Jasmine, Heroku, Github

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 100+ database performance metrics to predict anomalies.
- Designed API to integrate with 5+ Global Operations Technology teams cross-divisional.

TECHNOLOGIES: Java, Groovy, R, DB2, JMX, JUnit, Maven, JIRA, Subversion

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.
- Integrated adapter with FICS' Certshim application to accommodate 10+ SSL libraries.

TECHNOLOGIES: C, Python, Node.js, Angular.js, D3.js, Vagrant/Puppet/Chef, HTML, CSS, SQLite3, MongoDB, Github, Heroku

ROKK3R LABS | Startup Fellow
May 2014 - August 2014 | Miami Beach, FL

- Developed full-stack agile project management tool to be used across all divisions to increase workflow.
- 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, CSS, HTML5, MongoDB, Redis, Selenium, Mocha, Jasmine, Heroku, Github

PINCH A PENNY, INC. | Freelance Software Engineer
May 2013 - December 2013 | Coconut Creek, FL

- Developed Android application that enables pool servicers to access client information remotely.
- Created Groovy scripts for retrieving customer information and sending to servicers via SMS - increasing servicing volume by 10%.

TECHNOLOGIES: Python, Java, Groovy, PostgreSQL, HTML5, CSS, Android, JUnit, Apache Email Commons, Github