

Nealon Young

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Education

University of California, Irvine
B.S., Information & Computer Science
Major GPA: 3.48
Dean's Honor List: March 2012-June 2014
Graduated June 2014

Relevant Coursework

Algorithm Design & Analysis, Artificial Intelligence, Computer Architecture, Data Structures, Database Systems, Human-Computer Interaction, Java and C++ Programming, Operating Systems, Software Testing, Technical Writing, Web Application Development

Experience

Questr, Inc.

November 2013-Present

Software Engineer

- Developed and designed native iOS application for early-stage startup using modern Cocoa technologies and frameworks, including Auto Layout, UICollectionView, View Controller Transitions, and AFNetworking
- Created API server software using Node.js, Express.js, and Sequelize ORM, including development of RESTful API for communication between client and server components
- Developed deployment strategy using AWS Elastic Beanstalk and RDS

SendGrid, Inc.

June 2013-September 2013

Software Engineering Intern

- Created test suite using Python for verifying new deployments of MySQL/Twisted API servers
- Implemented front and back end components of system monitoring interface for internal Ruby on Rails application
- Developed API for communication between servers using TCP sockets
- Worked in Agile development environment

UC Irvine Department of Computer Science

January 2013-June 2013

Undergraduate Researcher

- Assisted professor in image processing research for astronomic applications
- Wrote Python scripts to generate input files for image processing software
- Used computer vision techniques to identify and classify properties of galaxy images from the Sloan Digital Sky Survey (SDSS)

Technologies

Languages: Objective-C, Swift, Ruby, JavaScript, Java, C++, Python, HTML/CSS, SQL
Frameworks: Cocoa Touch (iOS), Ruby on Rails, Node.js, Angular.js
Software: GNU/Linux, PostgreSQL, Microsoft Visio, Atlassian JIRA
Development Tools: Git, Xcode, Instruments, CocoaPods, vi/vim, Visual Studio

Projects

- *HackerFeed* - Open source iOS client for Hacker News, available on the iOS App Store. Includes iOS 8 today widget and share extension.
- *NYSegmentedControl* - Custom iOS user interface control developed using Core Animation API. Featured on CocoaControls website and received 600+ stars on GitHub. Available via CocoaPods.
- *KUCI iOS Application* - Mobile application developed for KUCI campus radio station, includes schedule fetching/parsing and audio streaming capabilities. Swift port available on GitHub.

More projects and other open source code available at github.com/nealyoung