Ryan Connors

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EDUCATION

Virginia Tech   *Aug 2013 – Dec 2015*
B.S. Computer Science ǀ Minor - Mathematics   GPA: 3.7 / 4.0
                                                                                     Honors: Phi Beta Kappa

EXPERIENCE

Capital One   McLean, VA
Software Engineer   Feb 2016 - Present
- Working in the Card Tech Division on Branded Book and Rewards.
- Full stack development across presentation, services and back-end layers.

Visa Inc.   San Francisco, CA
Software Engineering Intern   *May 2015 – Aug 2015*
- Built an internal web application using PHP, JavaScript, HTML/CSS to assist with verification of record provisioning for multiple databases as part of a large enterprise level identity management system.
- Wrote scripts and queries for a data migration project for a large repository including IBM DB2, MS SQL Server and LDAP databases.
- Designed a database mapping document that outlines the relationships in the system's database repository.

                                                                                         May 2014 – Aug 2014
- Developed an ETL program using Talend Open Studio for reading in bulk user data from excel spreadsheets to be processed through the backend, load relevant data into a database through web service messages and return relevant feedback.
- Coded new user business logic validations to mirror the validations performed in the website UI using JavaEE to validate data sent to the website through web services and created relevant unit testing for the validations.
- Created a document outlining a component analysis of two ETL (Extract Transform Load) programs for company use. Comparing the two products in areas such as usability, performance and business factors and ultimately making a recommendation on which product to integrate into a particular system.

Virginia Tech   Blacksburg, VA
Undergraduate Teaching Assistant   *Aug 2015 - Dec 2015*
- Assisted Dr. Osman Balci with CS-3714 iOS Mobile Software Development.
- Tasked with grading and designing/building student assignments and projects.
- Supported students with building iOS/Apple Watch applications in the Swift programming language.
                                                                                           Jan 2015 – May 2015
- Assisted Dr. James Arthur with CS-3304: Comparative Languages.
- Held weekly office hours to help students with homework assignments and programming projects dealing with programming language design and pragmatics using languages such as Python, C, Lisp and Prolog.

Support Center Technician   *Sept 2013 – Dec 2014*
Information Technology for Administrative Services, Virginia Tech
- Providing help desk level-one support to employees by answering help desk phone calls, emails and portal requests from staff.
- Performing technical tasks using established procedures for client applications, computer hardware, printers, software, network connectivity, and other related IT issues such as testing, installing, diagnosing IT issues, and maintaining ITAS support systems.
- Generating work orders and assigning issues to the appropriate technicians or IT work group.

COMPUTER SKILLS

- iOS mobile application development using Xcode and the Swift programming language
- Java, Python and C programming languages
- Familiar with Android mobile application development using Android Studio
- Familiar with JavaScript, PHP, and HTML

PROJECTS AND ACTIVITIES

- Created the VT-HokieFinder application for my senior capstone using Parse as a backend for web, Android and iOS applications.
- Built an iOS fitness application using the Swift programming language.
- Volunteered with the Blacksburg Coder Dojo, teaching grade school aged children computer programming fundamentals through Minecraft.
- Served as a mentor in the Virginia Tech Computer Science Mentoring Club.