Adrian Callies

PROFILE

Computer science graduate with a broad set of academic experiences, leadership qualities, communication skills, a passion for computer programming, software design; seeking 2020 software engineering opportunities

CONTACT

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TECHNICAL SKILLS

Programming Languages: Python, C#, HTML/CSS, JavaScript, Java, SQL, C++, C, Visual Basic, PHP, Cucumber, Razor, XML, JSON

Coding Environments & Frameworks: Eclipse, Spring, XCode, IDLE, Visual Studio, Git, Bash, Visual Studio Code, Microsoft SQL Server Management Studio 2012, QT Creator, ASP.NET MVC, AWS, AWS-Cli, Azure, SQL Server Data Tools, .NET, Node.js

EDUCATION

Computer Science B.S. Degree Azusa Pacific University: Azusa, CA Graduated: December 2018

ACTIVITIES & INTEREST

Whittier College 2014-2015: NCAA collegiate basketball player

Self-taught Experience: TypeScript Programming (w/ Angular 2+)

Active Hackerrank User

Self-taught Experience: Unix Scripting (w/ Mac/Linux Terminal)

Developing Personal Web Application using REACT

LEADERSHIP EXPERIENCE

- Azusa Pacific University 2019-2020: Software Engineering Advisor: Currently coaching 5 rising Software Engineers that represent one of several Sr. Software Design Teams at this University. The goal is to guide them through designing and building a mobile application, using the Software Development Process Life Cycle for several months.

EXPERIENCE

CALPORTLAND: June 2018 – Present (Intern with company in similar position-2017)
Software Engineer (Full-Stack)

Brought in by Guinness World Record's building materials company that is responsible for producing cement and construction material products in the west coast of the United States. Latest Project: Construction of the new Los Angeles Ram's stadium. I work at the company headquarters to develop and maintain enterprise web applications that use an ASP.NET MVC4 Framework (Front-End) & SQL Server Management Studio 2012 (Back-End), which is used internally within the DevOps environment to enhance data maintenance and meet other business needs of the company.

- Working with senior developer for algorithmic solving, software design, and development in an agile environment.
- Training users on enterprise applications after development and deployment while maintaining and supporting those same systems for QA.
- Supporting and maintaining several enterprise (data-driven) applications in production using CD.
- Recently developed and deployed web application into production for Safety Training facilities across the company, using the software development cycle.
- Recently developed a software system that automates the process of UI Testing for web apps, using Object Oriented Design (utilizing White, Black, and Grey box Testing Techniques). It's infrastructure and framework (.NET Core) can be used for several different web applications that are in our production for QA.
- Completed the entire documentation of our TimeClock-Payroll legacy system for developers of third-party consultant companies that we partner with for Back-End migration. Also, contributed to past migration of the legacy system by developing automated background programs using, Windows Command Shell, AWS, SQL Server Data Tools, and Python.

POWER SETTLEMENTS: May – August 2016
Software Engineer Intern (Full-Stack)

Initially retained by the consulting and software company to improve its in-production application that is used by companies within the California ISO (Independent System Operator). I assembled several interface screens for enterprise software using Microsoft .Net C# to refine software productivity, which is still used currently. Power Settlements signed with a huge ISO client that Summer due to the improvement of its vended software while surpassing the business revenue goal.

- Worked with DevOps team regularly to review progress, answer questions and receive feedback.
- Trained in automated testing to measure correctness of software functions using NCrunch from Visual Studio based on specified requirements.
- Trained in translating T-SQL queries into the SettleCore code (customized framework w/ syntax developed by Manager) for Back-End migration.
- Developed several Front-End interfaces for a .NET web application in production within agile environment among a team of developers

RELEVANT INDEPENDENT WORK/ COURSEWORK

- **APU 2019:** Independently built and maintain web application for a private organization (w/ AWS: Elastic beanstalk, Cloud9, SES; Currently performing Test Migrations to Spring Boot Framework)
- **APU 2017-2018**: Software Engineering I & II: Developing & designing a mobile application within an agile environment as Cloud Architect (w/ React Native & Firebase))
- **APU 2016-2017:** Namibia Project Class Elective: Modified an open-source platform (Hospital-Run) to digitize paper-based records for Namibia, Africa (w/ Node.js & Ember.js)
- **APU 2015- 2017:** Introduction to Computer Science I & II, Data Structures (Object Oriented Programming w/ Java)