**Frank Chu**

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# CAREER OBJECTIVE

Strong problem solver and analytical engineer with high interest in software development and innovation. Self-motivated quick learner who is proficient in multiple programming languages and frameworks.

# CORE COMPETENCIES

* C#
* C/C++
* HTML
* JavaScript
* CSS
* SQL
* JQuery
* Unix/Linux
* APS.NET, MVC
* Matlab

# PROFESSIONAL EXPERIENCES

## Viewpoint Construction Software, Portland, OR

*Software Developer, full time, Aug 2016 - present*

* Developed C# windows service that syncs data from VSTS and NetSuite with API calls.
* Lead team with design of new features, including Account Payable Review, Importing, ACA.
* Worked with Crystal Reports and SSRS to design accounting forms for ACA and Payroll
* Produced a proof of concept VSTO Excel integration with Viewpoint software
* Experience working in an Kanban, agile, and sprint based environment
* Performed unit testing of SQL Server objects through tSQLt
* Worked on over 100 bugs and new enhancements for Viewpoint's largest module, Vista, writing in C#, VB, and SQL
* Lead design for integrating Vista with Aatrix reporting and eFiling software

## Quorum Business Solutions, Houston, TX

*Software Development Consultant, full time, Aug 2015 – July 2016*

* Developed and released over 20 enhancements with 4 different versions of TIPS, Quorum’s largest plant accounting platform, using C# and C++
* Participated in the company’s first venture into online service with their v16 release, creating new screens and functionality under the ASP.NET MVC format
* Oversaw new installations dev, test, and production environments on client servers
* Responsible for new development and bug fixes on MyQuorum web and TIPS application using C#, HTML, Javascript, CSS, JQuery, and SQL languages
* Coordinated with over 10 different clients to develop client specific enhancements and resolve outstanding issues

## Department of Physics and Astronomy, Texas A&M University, College Station, TX

## *Student Researcher, May 2014 – Aug 2014*

* Developed graphical simulation of positron emission tomography in action using Java, C++ and JoGL libraries
* Built and conducted programmatic analysis methods to gather data from the PET detection instrument
* Lead a team of 5 students to build array of amplified PMTs and imaging software to detect emissions
* Presented our prototype and design performance at Engineering Convention at Texas A&M

# EDUCATION

## Texas A&M University, College Station, TX

## *Bachelor of Science in Electrical Engineering, May 2015*

## *Bachelor of Science in Physics, May 2015*

## GPA: 3.62 / 4.00

# ADDITIONAL ITEMS

* Certified Engineer-In-Training (EIT)
* Applied Physics Letters, 104, 062402 (2014) Publication
* Personal project profile: <https://me.jibaga.com>