

FRANK FUENTES

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EDUCATION

Seattle University Seattle, WA
B.S. Computer Science and Mathematics Expected: Spring 2018
Junior, Cumulative GPA: 3.2/4.0
Dean's List of the College of Science and Engineering

Seattle Central College Seattle, WA
Associate of Science Spring 2014
Cumulative GPA: 3.46/4.0

PROJECTS

Cadmus Dungeon Crawler Present

- Collaborate with team of four to develop D&D based, cross-platform (iOS and Android) mobile game using Xamarin and C#.
- Designed and implemented turn-based battle engine.

Data Mining for Smoking and the Risk Associated with Heart Disease Present

- Analyze data using classification algorithms to determine how smoking affects heart disease patients using classification trees and Python.

Undergraduate Student Research 2015
REU Sponsored by National Science Foundation, Seattle University
Published: Pi Mu Epsilon Journal *In-Press*

- Studied quadratic polynomials with 86% efficiency of producing prime numbers over the set of Gaussian integers.

RELATED EXPERIENCE

Deaf-Blind Registration and Matching System Seattle, WA
The Lighthouse for the Blind, Inc. September 2016 - Present

- Capstone project through Seattle University
- Created section 508 compliant web portal to register deaf-blind applicants for summer camp using HTML5, CSS3, C#, SQL, Azure and ASP.Net MVC; significantly increasing the turn-around time of a previous paper-based system.
- Administrative users can automatically match campers with lodging and interpreters; eliminating manual matching via spreadsheets.

Math Lab Assistant Seattle, WA
Seattle University September 2016–Present

- Explain course-specific content help for students needing tutoring assistance in mathematics.
- Model problem-solving techniques for students requesting help

LANGUAGES & TECHNOLOGIES

C++, C#, Python, Java, F#, SQL, HTML, CSS