

James (Jamie) Gaskin

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E-Mail: Jamiegaskin@gmail.com

Portfolio Website: Jamiegaskin.github.io

Github: github.com/Jamiegaskin

Education – 3.8 GPA

UC Berkeley

2015 – May 2017

Pursuing Bachelor of Arts in Computer Science.

Foothill College and Cañada College

2007 – 2015

Associate in Science for Transfer in Computer Science and Associate in Arts in Music.

Skills

Languages

Python, Java, Javascript, C++, C, SQL, and Scheme.

Projects

- **Appointment Tracking and Billing Web Application for Gaskin Tutoring Services**

A full-stack web application featuring a comprehensive user-Interface, Mongo databases, and web frameworks such as React, Meteor, and MongoDB. Implemented log-in system, appointment entry and tracking, client entry and tracking, and bill generation and emailing.

- **Project Euler**

An amazing website full of mathematically interesting problems which expose great problem-solving strategies, algorithms, and math concepts. I've implemented solutions for over 50 of the problems in both Java and Python.

- **Numerical Differential Equations Solver.**

A java applet that approximates solutions to first-order, ordinary differential equations. Features a full user-interface and an equation interpreter that takes infix notation.

More information about projects at portfolio website: Jamiegaskin.github.io

Coursework

Data Structures and Algorithms, Functional Programming, Object Oriented Programming, Discrete Math, Optimizing Parallel Algorithms, Computer Security, Compilers and Language Design, Designing Information Devices and Systems, and Machine Learning.

Professional

Altice USA Software Engineering Intern

Summer 2016

Added custom metrics and alerts to their computing cluster and Elasticsearch cluster using Ambari. Involved custom service design with JSON and XML files to describe the service and Python for custom functionality.

Private Tutoring and Instruction

2007 - present

CS, math, and music tutor and teacher, privately and at Cañada College.