James Gaskin

451 Nimitz Ave, Redwood City, CA 94061   **Phone: 650 – 208 – 4170**   **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

Cablevision 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.