James Gaskin

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Portfolio Website: Jamiegaskin.github.io   **Github: github.com/Jamiegaskin**

Education

UC Berkeley   2015 – 2017
Pursuing Bachelor of Arts in Computer Science.

Foothill College and Cañada College – 4.0 GPA   2007 – 2015
Associate in Science for Transfer in Computer Science.
Associate in Arts in Music.

Skills

Languages
Python, Java, Javascript, C++, Scheme, HTML, and CSS.

Frameworks
React, Meteor, Bootstrap, and MongoDB.

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.
  The application allows all clients, rates, and appointments to be managed online. The app then auto-generates and emails out bills and paystubs.

- **Project Euler**

  An amazingly fun website full of mathematically interesting problems. I've solved about 50 of their problems in both Python and Java. The problems expose great problem-solving strategies, algorithms, and math concepts.

- **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 – CS1C and CS2C (Foothill)
- Structures, Interpretations, Functional Programming, and Object Oriented Programming – CS1A, CS2A, CS1B, CS2B, CS22A (Foothill) and CS61A (Berkeley)

Discrete Mathematics – CS70 (Berkeley) and Math 22 (Foothill)

Professional

Private Tutoring and Instruction   2007 - 2015
CS, math, and music tutor and teacher, privately and at Cañada College.