Jonas Knochelmann

801 - 652 - 0627 | jonas.p.knochelmann@gmail.com | jonaspknoch.github.io | github.com/JonasPKnoch

Summary

Energetic and highly motivated computer programmer with years worth of personal skill in high level languages and related software. Experience in project management, working under tight deadlines, as a member of a large team, and quickly learning new tools.

Skills

- High Level Programming
- Communication
- Small-Scale Project Management
- Problem Solving
- Quick-Learner

- Algorithms/Data Structures
- Design Patterns
- Application Programming Interfaces
- Version Control
- Web Service Platforms

Projects

- **4D Isometric Renderer** — Applet
  github.com/JonasPKnoch/4DAxonometric-
  A **Java** project made in **Open Processing**, that renders 4-Dimensional shapes

- **Movie Database** — Database Project
  github.com/JonasPKnoch/Movie-Database
  A simple database app that utilizes **Java** and **SQL**. Created in a **team of 3** for a school project, with a **Graphical Front End** and flexible structure.

- **Colder On Mars** — Web Applet
  colder-on-mars.s3-website-us-west-1.amazonaws.com
  A **JavaScript** project made in **p5.js**, hosted on **AWS S3**, making use of **APIs**, **XML** and **JSON**

- **Othello** — Game
  github.com/JonasPKnoch/Othello
  A **Java** project that uses **Swing** to implement a simple version of the classic board game Othello

Education/Certifications

- **Computer Science Fundamentals** — Salt Lake Community College *(In Progress)*
  This certificate will prove proficiency in the **fundamentals of computer science and programming**

- **General Credits** — Salt Lake Community College
  Salt Lake Community College has provided a quality education in general subjects including **English** and **sciences**

- **Computer Programming II Python** — Precision Exams
  Passed with a 96%, the exam tested proficiency in **Python** programming

- **Computer Programming I** — Precision Exams
  Passed with a 98%, the exam tested basic computer **programming principles**

- **High School Diploma** — American Academy of Innovation
  The American Academy of Innovation provided concurrent enrollment possibilities, along with the diploma

Experience

- **High School Robotics** — FRC 5974
  While on the team, I worked with complicated code bases, learned a specialized IDE, managed code deployment, all the while working alongside other students on a deadline

- **Clerk** — Winco Foods
  At this position, I work repetitive and labour intensive tasks while remaining focused