

Jonas KnocheImann

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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
- Web Service Platforms
- Algorithms/Data Structures
- Application Programming Interfaces
- Integrated Development Environments
- Version Control

Projects

- **Colder On Mars** — Web Applet
<http://colder-on-mars.s3-website-us-west-1.amazonaws.com>
A **JavaScript** project made in **p5.js**, hosted on **AWS S3**, making use of many **APIs**, **XML** and **JSON**
- **Movie Database** — Database Project
<https://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.
- **4D Isometric Renderer** — Applet
<https://github.com/JonasPKnoch/4DAxonometric->
A **Java** project made in **Open Processing**, that renders 4-Dimensional shapes
- **Othello** — Game
<https://github.com/JonasPKnoch/Othello>
A **Java** project that utilizes **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