

Jonas Knochermann

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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
- 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 app that uses **Java** and **SQL**. Created in a **team of 3**, with a **GUI** and flexible structure
- **Colder On Mars** – Web Applet
colder-on-mars.s3-us-west-1.amazonaws.com/index.html
A **JavaScript** project making use of **APIs**, **XML** and **JSON**, made in **p5.js**, hosted on **AWS S3**
- **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
SLCC has given 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 allowed concurrent enrollment, along with the diploma

Experience

- **Corporate Trainer, Programming Languages** – Salt Lake Community College (current)
I teach here a range of programming languages, and am responsible for all tasks related to delivery of course content, including teaching, providing feedback, and interacting with staff
- **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 worked repetitive and labour intensive tasks while remaining focused