

# Seth Cram

Moscow, ID (willing to relocate) - sethcram@gmail.com - (208) 949-9684

[Portfolio](#) - [Github](#) - [LinkedIn](#)

## SKILLS

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**Languages:** C#, Python, Java, SQL, C++, C, JavaScript, HTML5, and CSS

**Softwares & Tools:** .NET, Django, MongoDB, ReactJS, NodeJS, Bootstrap, Docker, CI, OpenShift, Git, and Linux

**Interpersonal:** Excels at learning, communicating, and collaborating in a team setting

## EDUCATION

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**Bachelor's of Science in Computer Engineering**

**August 2019 - Expected May 2023**

University of Idaho – Moscow, ID

GPA: 3.94

## WORK HISTORY

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**IT Software Engineer**

**Summer 2022**

Micron Technology – Boise, ID

- Followed the Agile software development methodology within a team of 20 developers
- Refactored and deployed a C# .NET Core API to OpenShift utilizing Docker
- Trained in an XML/JSON-based distributed communications system

**Communications Officer of the ECE Ambassadors**

**September 2020 - May 2022**

University of Idaho – Moscow, ID

- Networked with High Schools across the Northwest to garner excitement for a career in STEM
- Articulated technical challenges and solutions to non-technical people
- Assisted in leading a group of nearly 30 engineers

## PROJECTS

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**Reputation Based Writing Platform - [source code](#)**

**January - Expected May 2023**

- Designed and implemented a reputation based writing platform using the MERN stack
- Boasted a novel post and user scoring system, flexible UI, and integral functionality

**Database Natural Language Interface - [source code](#)**

**August 2022 - Expected May 2023**

- Enabled database access to those without SQL knowledge
- Surveyed and compared several natural language to SQL solutions
- Refined a powerful API and constructed a cutting edge user interface

**React Portfolio Website - [source code](#) - [product](#)**

**October 2022**

- Created a responsive portfolio website to showcase accomplishments
- Employed React, Node, JavaScript, HTML and CSS

**Ecommerce Product Matching Website - [source code](#) - [product](#)**

**March - May 2022**

- Leveraged full-stack development to design and deploy a product matching website
- Wrote MVC code in Python and a variety of SQL queries
- Applied Django backend, Python, MySQL, HTML, CSS and Bootstrap frontend

**2D Adventure Game - [source code](#) - [product](#)**

**March - May 2022**

- Scripted software in C# and a variety of unit, stress and boundary tests
- Implemented several software design patterns such as Singleton and Bridge
- Led a group of six in project expansion following the Agile methodology

**Unity Self-Study - [source code](#)**

**September 2020 - December 2022**

- Wrote class scripts in C# and manufactured multiple Continuous Integration pipelines
- Developed a large project with well-documented code and an automated test suite

**Kernel Simulator**

**September, October 2021**

- Utilized queues in C++ to model the movement of processes within a five-state kernel model
- Exploited concurrency, shared memory access, and OS scheduling