

# Michael Agam

## Backend Engineer

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### Skills

#### Python



Experience with Flask, Selenium, Asyncio, Pytest, REST APIs, PostgreSQL/psycopg2, Stripe integration, unit testing, and more.

#### C++



Experience with Dear ImGui, SFML, Windows Forms, and unit testing.

#### Frontend Development



Some experience with HTML5, CSS, and basic Javascript.

#### Fundamentals



Strong familiarity with Linux, SQL, Git, Heroku, Jenkins, and general software engineering practices.

### Interests

#### Game Development

I've been developing small games since about 2014, including my own C++ game engine.

#### Culinary Arts

Enthusiastic about cooking and gastronomy, with a focused interest on specialty coffee.

#### Literary Arts

Fond of novels and newsletters. Studied English as my minor while at the University of Denver.

### Professional Experience

#### Independent Consultant

Software Engineer

2020 – present | Chicago, IL

Full-stack development for multiple clients, including systems surrounding secure user registration, Stripe payment processing, and database management for a mass alert system.

#### Visiplex, Inc.

Software Engineer

2016 – 2018 | Buffalo Grove, IL

Updated legacy code and created a modernized front-end for embedded devices.

### Projects

#### Decent

Chatroom application that utilizes the Nano cryptocurrency's block lattice architecture to allow for secure, tamper-proof, and fully decentralized communication between users.

### Education

#### University of Denver

Computer Science

2020 – 2021

#### Columbia College

Applied Programming

2018 – 2020