

David Seeler

<https://davidseeler.dev>

OBJECTIVE

Seeking software engineering entry-level position beginning Summer 2021

EDUCATION

University of Georgia, Franklin College of Arts & Sciences (2018 – Present)

Athens, GA

Kennesaw State University, College of Science and Mathematics (2016 – 2018)

Kennesaw, GA

Bachelor of Science in Computer Science (Anticipated Graduation May 2021)

- Overall GPA: 3.72/4.00

RELEVANT COURSEWORK

- Systems Programming
- Discrete Mathematics
- Theory of Computation
- Statistical Methods
- Web Development
- Data Structures
- Computer Architecture & Organization
- Database Management
- Computer Networks
- Cloud Computing (Spring 2021)
- Artificial Intelligence (Spring 2021)
- Software Engineering (Spring 2021)

TECHNICAL SKILLS

- **Languages:** Java, Python, C, C++, JavaScript, PHP, SQL, MIPS Assembly
- **Frameworks and Technologies:** Node.js, TypeScript, Express.js, Guice, jQuery, HTML, SCSS
- **Operating Systems:** Windows, MacOS, Linux/UNIX
- **Software:** AWS, Git, Heroku, Maven, IntelliJ, VS Code, Emacs

PROJECTS (See [portfolio](#) for additional)

RuneLite plugin “Bank XP Value”

- Developed an external plugin for the popular open-source RuneScape client, *RuneLite* (600 active installs)
- Self-taught RuneLite’s intricate codebase further enabling me to employ reusability
- Utilized Google Guice to support dependency injection
- Became proficient in managing “real” software using the GitHub Flow

Trivia Racer

- Online trivia game featuring thousands of questions provided by Open Trivia Database API
- Real-time, socket-based control flow enables complex logic interactions between server and clients
- Robust Node.js backend capable of supporting a vast number of users playing concurrently
- Deployed to Heroku under an SSL certified custom domain (triviaracer.me)

Video Game Encyclopedia

- Retrieves JSON metadata for thousands of games using RAWG.io API
- Processes and inserts cleaned data into normalized MySQL database (BCNF form)
- Frontend client makes HTTP requests to multi-threaded backend web server to query database

Grocery eCommerce Web Application

- Fully dynamic web application emulating a professional eCommerce platform
- Utilizes a MySQL database to store encrypted user information and product data
- PHP backend manages individual user sessions and cookies

CAMPUS INVOLVEMENT

UGA Hacks

Athens, GA

- Collaborated with a team to develop complex applications in a short period of time
- Became comfortable presenting and demonstrating software to an audience

Theta Chi Fraternity, Delta Beta Chapter

Athens, GA

- Participated and assisted with philanthropy events benefiting the Athens Humane Society and other organizations
- Engaged in networking events with alumni further enhancing my interpersonal communication skills