David Seeler

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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, MIPS Assembly, SQL
- **Frameworks and Technologies**: Node.js, TypeScript, Express.js, jQuery, Guice, HTML, SCSS
- **Operating Systems**: Windows, MacOS, Linux/UNIX
- **Software**: AWS, Git, Heroku, Maven

PROJECTS (See portfolio for additional)
RuneLite plugin "Bank XP Value"
- Developed an external plugin for the popular open-source RuneScape client, *RuneLite* (1,000 active installs)
- Self-taught RL's intricate codebase and adapted to an environment heavily dependent on custom library assets
- 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

■■■■■■ Fraternity, ■■■■■■■ 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