

# David Seeler

## OBJECTIVE

## EDUCATION

University of Georgia, Franklin College of Arts & Sciences

Athens, GA

### Bachelor of Science in Computer Science

- 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
- Artificial Intelligence
- Software Engineering

## TECHNICAL SKILLS

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

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

### 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
- 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 Java 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

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

## WORK EXPERIENCE

### Moe's Southwest Grill

#### Line Worker

- Managed customers in a quick and orderly fashion, with seasoned customer service
- Adapted to a fast pace work environment in which every minute involved either cleaning, preparing, serving, etc.