David Seeler

david.seeler@gmail.com   •   (770) 617-6280
https://davidseeler.dev

EDUCATION

Georgia Institute of Technology, *Online* <div align="right">Expected 2025</div>
Master of Science in Computer Science
- GPA: 4.00/4.00

University of Georgia, *Athens, GA* <div align="right">May 2021</div>
Bachelor of Science in Computer Science
- GPA: 3.74/4.00

TECHNICAL SKILLS

- **Languages**: Java, Python, JavaScript, Swift, Obj-C, C/C++, PHP, MIPS Assembly
- **Frameworks and Technologies**: Node, React, Express, Django, Maven, SQL, HTML, SCSS, OpenCV
- **Operating Systems**: Windows, MacOS, Linux/UNIX
- **Software**: Git, Xcode, Postman, AWS, Azure, GCP, Docker, Kubernetes, SQL Server, MySQL

EXPERIENCE

Software Engineer – NCR Corporation, *Atlanta, GA* <div align="right">Jul 2021 – Present</div>
- iOS developer for *Engage Mobile*, a white-label food-ordering mobile app
- Work in an Agile environment and participate in daily standup meetings led by a Scrum Master
- Tasks include new feature development, bug fixes, writing/conducting tests, and technical debt remediation (e.g., app architecture restructuring, UI refresh, legacy code refactoring, etc.)
- Employ advanced OOP principles and design patterns while adhering to best practices to build scalable, Enterprise-level software
- Assist with QA regression involving extensive smoke testing and documentation
- Completed and merged over 200 Pull Requests

PROJECTS (See gallery for additional)

Raven's Progressive Matrices AI agent <div align="right">Aug 2022 – Dec 2022</div>
- Designed and implemented an AI agent capable of solving Raven's Progressive Matrices, a widely used intelligence test that requires visual reasoning and problem-solving skills
- Leveraged OpenCV and object recognition algorithms such as template matching, contour detection, and object tracking to analyze visual patterns and deduce logical rules
- Optimized the AI agent's problem-solving strategy by incorporating heuristics and knowledge-based reasoning techniques

RuneLite plugin – "Bank XP Value" (33k active installs) <div align="right">Dec 2020 – Present</div>
- Developed and maintain an external plugin for the popular open-source RuneScape client, *RuneLite*
- Implemented custom features and functionality using Java and the RuneLite API, enhancing the user experience and providing new tools and information
- Manage the plugin's development lifecycle by reviewing and merging pull requests, addressing reported issues and bugs, and ensuring the plugin's stability and reliability for the RuneLite community

VOLUNTEER EXPERIENCE

Website Administrator – Highland Oaks Homeowners Association, Inc. <div align="right">Dec 2021 – Present</div>
- Responsible for periodic content updates, allocating web hosting services, general website management

Developer Volunteer – Camp Twin Lakes <div align="right">Jan 2021 – Present</div>
- Developed and maintain a GUI and automation backend to replace client's tedious process of manually extracting, formatting, and inserting lengthy .xlsx camp forms into a SQL Server database
- An estimated 150 hours of employee time are saved annually through the use of this tool, per the client

HONORS & AWARDS

UGAHacks 6 <div align="right">Feb 2021 – Feb 2021</div>
- First-ever solo hacker to win 1st Place Best Overall in UGAHacks history
- Built an innovative web app that interactively facilitates virtual group reading in efforts to enhance the virtual learning experience birthed by the COVID-19 pandemic