Scott Schaefer

sschaefer30@gatech.edu • (678) 431-4164

EDUCATION

AUG 2019 - **CURRENT**	**Georgia Institute of Technology**, Atlanta, GA Bachelor of Science in Computer Science Concentration: Information Internetworks & Intelligence Faculty Honors, Dean's List, Zell Miller Recipient	GPA: 3.94/4.0 August 2019 - May 2023

SKILLS

PROGRAMMING:	Java, Python, JavaScript, HTML/CSS, MatLab, React, Flask, Flask-Login, Bootstrap, SQL
SOFTWARE:	Git, LaTeX, JetBrains IDEs, Microsoft Suite, Docker, Github Desktop
SYSTEMS:	Windows, Windows Server, Linux (CentOS, Ubuntu)
CONCEPTS:	Agile Development (Scrum), Unit/integration testing, SOLID, GRASP
RELEVANT COURSEWORK:	Object-oriented Programming, Data structures & Algorithms, Object Oriented & Design, Linear Algebra, Calculus I-III, Machine Learning Foundations, Computer Hardware and Organization, Database Systems, Intro System Design

EXPERIENCE

JUNE - AUG 2022	**Software Developer Intern, Invesco Ltd.** • INSERT INFO

PROJECTS

JAN - MAY 2021	**Dungeon Crawler Game** • Designed and implemented a dungeon crawler game with a team of four other developers in Java and JavaFX • Created algorithms with data structures such as arrays, hashmaps, and lists used in a creative manner to create randomly generated chains of rooms for players to navigate through • Implemented a tick-based system to allow for real time user input for movement and to attack enemies with melee and ranged attacks
AUG 2021 - MAY 2022	**Rating System Full Stack Application** • Worked in a team of six developers to build a full stack application utilizing an AGILE development process, including diagramming and intensive sprint planning • Utilized Flask, Bootstrap, HTML, CSS, and associated libraries to construct a frontend web app with SQLite and PostGreSQL used to enable login functionality and user based data storage • Backend constructed with Python and libraries such as skcriteria used to implement rating system algorithms to rate datasets with corresponding weight values

LEADERSHIP EXPERIENCE

AUG 2019 - CURRENT	**GT Esports Game Captain and Coach** *Team Captain* • Scheduled and orchestrated practice games with other universities • Captained and led teams in national tournaments with prize pools up to $20,000 *Coaching* • Professionally taught and coached players from around the world