

James Grady

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EXPERIENCE

KSU Capstone Project – Team of 7

Team Lead | UI Designer

2021 | Tools: IntelliJ, Java, JavaFX, GIT, CSS

- Engineered the design and implementation of strong code structure to create a clean, high quality, well working game.
- Strategized development plan and team structure to maximize productivity while minimizing workload.
- Formulated and Implemented engine architecture to allow for effortless additions to future updates.
- Utilized knowledge of data structures and algorithm fundamentals to optimize game functionality.
- Directed and oversaw creation of a seamless UX design that focused on user centricity and empathy for new users.

Artificial Intelligence Neural Network - Individual

2020 | Tools: Python

- Designed, implemented, and deployed artificial neural network with backpropagation utilizing the sigmoid function.
- Maintained minimal margin of error (0.02%) in network recognition given the small sample set.
- Integrated reusability within the code structure to allow size of the network to change depending on the trained circumstance.

Android Athletic Application – Team of 3

Lead Programmer

2020 | Tools: Java, JSON, BLE

- Developed and designed android application utilizing Spotify and Google API integration.
 - Achieved seamless connectivity between BLE heartrate monitor and users Spotify selected playlist to sync athletes with their music.
 - Implemented and programmed UI concepts into design to bring user familiarity which eliminated the need for complicated instructions.
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EDUCATION

Kennesaw State University

Bachelor of Science in Computer Science

Undergraduate GPA: 3.43

RELATIVE COURSEWORK

Programming Principles I and II

Computer Organization, Architecture and Communications

Software Engineering and Software Architecture and Design

Algorithm analysis

Data Structures

Mobile Software Development

Concepts of Computer Languages

Technical Writing

SKILLS

- Languages: Java, Python, C++, JavaScript, HTML, CSS, PHP
 - Databases: MySQL, Firebird
 - Familiarity with Unreal Engine 4, Blueprints
 - Continuous learner always looking to improve personally and professionally.
 - Ability to think logically with strong attention to detail.
 - Multitasker with ability to track small detail and align them with overall vision.
 - Solid organizational skills with ability to juggle multiple priorities.
 - Excellent verbal and written communication skills.
 - Passion for learning and improving my craft.
 - Team oriented but self-motivated.
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CURRENT POSITION

Brookwood Grill | 2012 – Present

Bar Lead – Key Employee

- Cultivated and nurtured empathetic client relations and earned reputation for exceptional customer service.
- Improved upon customer satisfaction through conflict resolution and customer concerns.
- Create and execute multiple marketing promotions that have led to increased weekly sales and yearly bar growth
- Manage and maintain monthly inventory management to track inventory cost.
- Implemented coworker coaching to help lower liquor cost while increasing sales.
- Researched and developed up-selling opportunities for returning and new customer base.
- Maintained full schedule and great repour while paying way through college.