ISAIAH HERNANDEZ

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SUMMARY

I use my skills, knowledge, and creativity to meet challenges head on and develop websites and applications for the industries of the future

EDUCATION AND ACHIEVEMENTS

Bachelor of Science in Computer Science, Minor in Mathematics	2019–2022
University of Florida	Gainesville, FL 32611
Western High School	1200 SW 136th Ave, Davie, FL 33325
GPA	3.4

AP Scholar with Distinction: Average score of 3.5 or higher on 11 AP exams and 3 or higher on at least 5
Full Bright Future's Scholarship: 1340 SAT and 3.8 cumulative high school GPA

TECHNICAL SKILLS

Programming languages: Java, C, C++, C#, Python, JavaScript, HTML, CSS (2+ years each)
Certifications: MS Office; Word, PowerPoint, Excel (4 years)
Frameworks: Node, React/React Native, Mongoose, Express (2+ years each)
Databases: MongoDB, MySQL, Oracle SQL (2+ years each)

PROJECTS AND EXPERIENCE

Futility, 2020 – 2021 (Project – Mobile Game):
- Co-creator and contributor to Android mobile game created with Godot engine and GDScript
- 3D models, movement scripts, scene management, animation controllers, and collision detection

Retro Pixel Arcade, 2021-2022 (Project – Browser Game):
- 8-bit style arcade on OLC Pixel Game Engine consisting of open-source and custom code
- With C++ and HTML/JS through Emscripten (Webassembly), runs as dynamic webpage on Itch.io
- Level creation, main menu and pause menu features, 2D pixel graphics, collision, and more

University of Florida Department of Orthopedic Biomechanics, 2022 (Project - Academic)
- Group C++/Python/CUDA programming project for senior project course
- Used machine learning and various optimization tools to autonomously measure the kinematics of human joints and their surgical replacements as determined from single-plane X-ray images

Michael Kors, 2021 (Experience – Retail):
- Part-Time stock associate at Michael Kors in the Sawgrass Colonnades
- Organized, stocked, maintained merchandise, and delivered to selling floor on time, assisted with stocking and inventory protocol, and delivered outstanding in-person/phone customer service

UF Dream Team Engineering, 2021 (Experience – Student Organization):
- Engineering organization which creates technologies for patients at UF Health Shands and beyond
- Kitchen scene, button UI, scene control for educational "Diabetes VR" Unity game; *15%* increase in Diabetes knowledge retainment among child users

Web Design Freelancing, 2022 (Experience - Independent):
- Design and implementation of HTML webpages from concept through deployment for businesses
- Landing pages, UX/UI assessment, and new feature developments; up to *30%* increase in conversions