Liam Kingston Young

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 / liamkyoung | / liamkyoung | / liamkyoung

Education

University of Florida   *Gainesville, FL*

AUGUST 2019 — MAY 2023

BS in Computer Science, Minor in Digital Arts and Sciences   **GPA: 3.68**

Experience

Software Engineering Intern, Atlas Networks   *Sarasota, FL*

MAY 2021 — PRESENT

Currently working as a backend developer for commercial WordPress sites. Responsibilities include restructuring Drupal databases to WordPress, increasing site functionality, and implementing security plugins. Use of tools like Docker, Lando, Git, MySQL, and APIs.

Relevant Sites: https://www.trackingterrorism.org/, https://www.tampabay.org/

Research Assistant, INDIE Lab   *Gainesville, FL*

MAY 2020 — MAY 2021

Researched human computer interaction by observing behavioral patterns of participants in an explainable AI (XAI) study. Created a data visualization tool using D3.js to understand user's actions, data metrics, and responses to questions on an imperfect object detection system.

Sales Associate, Gap Inc.   *Key West, FL*

MAY 2019 — AUGUST 2019

Applied strengths in communication, teamwork, and customer service to handle a busy store with a small team.

Projects

Interactive Data Visualization Tool

JavaScript – D3.js

Tool was used to understand and compare user's thought processes on questions about the system.

Data Visualization includes filtering actions by condition, filtering by policy number, searching action metadata, grouping participants, and displaying statistics on participant performance.

Gator Humans vs Zombies Website

Web Application – React.js, Express.js, Node.js, MongoDB

Created a full-stack club management system for UFs GHvZ Club. Admins can create games for club members, remove or change player data, and log equipment rentals. Players can create accounts, view personal performance, register for upcoming games, and use QR codes to record in game actions.

The Game Sorter

Web Application – React.js, D3.js, Node.js

An interactive web app which uses IGDB.com's API to display information on a particular game, with a graph data structure to connect a node with its most similar games. Users click on any game image to add more game nodes. Implemented sorting algorithms to compare selection and shell sorts on game graph data structure.

Involvement

Pi Sigma Epsilon – Sales and Marketing Fraternity

AUG 2021 — PRESENT

Expanding marketing and general business knowledge with fraternity and community involvement. Sharpening web design and photography skills while being a member of the outreach committee.

Student InfoSec Team (UFSIT) – Cybersecurity Club

AUG 2021 — PRESENT

Weekly meetings for learning cybersecurity and completing CTF challenges with a focus in web security.

Address

1081 SW 18th LN, 32601 Gainesville, FL

Relevant Coursework:

Operating Systems
Software Engineering
Deep Learning
Data Structures & Algorithms
Computer Organization
Databases
UX Design
Discrete Structures
Programming I,II

Languages:

JavaScript
C++
Java
Python
SQL
HTML
CSS
PHP
MATLAB

Databases:

MySQL
MongoDB
Oracle SQL

Arts:

Digital Photography
Video Production
Video Editing

Software:

WordPress
Docker
Lando
Adobe Photoshop
Adobe Premiere Pro
Adobe Lightroom
Adobe Audition
Microsoft Office Suite
Source Filmmaker