

# Jayden Jones

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## Education

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**B.S. Computer Science** | University of Florida – Gainesville, Florida

- **Relevant Coursework:** Data Structures and Algorithm, Information and Database Systems, Software Engineering, Networking Fundamentals, Operating Systems

## Skills

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- **Computer Languages/Frameworks:** Java, Python, SQL, JavaScript, React, Node.js, MongoDB, HTML, CSS, GitHub

## Projects

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### March Madness Tournament Predictor

- Python program designed to correctly predict NCAA college basketball tournament games
- Imports Microsoft Excel data into basic neural network model to develop weights for various factors
- Publicly available statistics imported via related Python web scraper utilizing BeautifulSoup library
- Increased predictability of individual games by 12% over random selection

### Dentistry Language App

- Language learning app with emphasis on dental curricula for students at Chiang Mai University
- Developed to improve student fluency, situational awareness, and English pronunciation
- Resulted in 82% rate of students noting belief in satisfactory increase in language abilities
- Utilizes React and Flutter front-end with a native SQL database

### Yelp Camp Clone

- Yelp-style web application campgrounds constructed with RESTful principles in full stack capacity
- Capabilities allow users to create and edit campgrounds and comments via CRUD operations
- Back-end deployed via Node.js API through Express and connected to MongoDB database
- Front-end constructed via JavaScript, HTML, and CSS frameworks

### Startup Administration Portal

- Developed administrative portal for use by local startup to track pertinent revenue data
- Designed dashboard for administrative users to track user and profile information
- Integrated graphs via React library for various figures, including subscriptions and current orders
- Implemented real-time tracking of figures via Node.js routing through MongoDB back-end

## Experience

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**Exactech Arena, University of Florida** – Senior Event Supervisor  
Gainesville, FL

**September 2021 - Present**

- Manage and lead small to medium-sized crews (~5-20 people) for nationally televised athletic events
- Troubleshoot and ensure operation of technical equipment (metal detectors, ticket scanners, etc.)
- Facilitate customer service and assistance of patrons vis-à-vis any questions or complaints that arise
- Communicate with university and facility stakeholders regarding deadlines and proper event flow