AARON CRAWFORD

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EDUCATION

University of Central Florida, Orlando, FL

Bachelor of Science in Computer Engineering, Expected Graduation May 2022
- **GPA:** 3.98/4.0
- **Honors & Awards:** Presidents List, Florida Bright Futures Scholarship, Compass Program for STEM Majors

SKILLS

Programing
- Object Oriented Design, C, C#, Python, MySQL, Basic HTML and CSS
- Data Structures and Algorithms
- Web Scraping +(BeautifulSoup), GUI Development (Kivy), Browser Testing and Automation (Selenium), Django

Design
- Adobe Illustrator, Photoshop, Graphic design, Prototyping

Certificates
- Python Developer (13 individual Courses), Object-Oriented Design, SQL Essential Training from LinkedIn Learning

EXPERIENCE

Spectra, Orlando FL – Assistant Supply Manager   **September 2019 – Present**
- Prepared the Addition Financial Arena and Spectrum Stadium concessions for UCF sporting events and concerts with upwards of 30,000 patrons and 12 concession venues
- Operated on tight and final deadlines to bring the best possible fan experience

PROJECTS

Django Personal Portfolio Website   **April 2020 –March 2020**
- A website I created to better show some of the different coding projects I have worked on
- Uses the Django web application framework for Python along with HTML, CSS and BootStrap, and JavaScript
- Allows me to update website through an administrative panel

Real Estate Data Scraper— *Grocery Anchored*   **February 2020 – March 2020**
- Created a web scraper using selenium and python for the company Grocery Anchored
- Collected data on square footage, year built, parcel ID, owner, and address
- Converted python dictionary into a csv file through the Pandas python library

Florida Citrus Bowl Hackathon— *FieldSide 3D Sound - Contest Finalist*   **October 25th-27th, 2019**
- Developed a technical process, business model, and app prototype in python for a 3D sound application at Football games with two other teammates
- Presented a business plan to a panel of four industry professionals

Hoop Garden— *Basketball Training Company Founder*   **January 2019 - October 2019**
- Founded a basketball training company and created a website, blog, instructional videos, and graphics with adobe apps
- Uploaded four videos with over 1000 views and personally trained six youth basketball players

Great Navel Orange Race— *Self-Guided Boat Race*   **January 2019- May 2019**
- Constructed a self-guided boat with a team of five other engineers
- Designed the boat, assembled the hull, and installed the jet
- Assisted with implementation of electronic switches, the navigation system, and the power source

Battleships In C— *Command Prompt Remake of Battleship*   **September 2018 - November 2018**
- Achieved randomized gameboard patterns with nested for loops as well as CPU player logic
- Developed understanding of pointers at a deeper level
- Employed best practices in programing design to keep code readable

ORGANIZATIONS

Theta Tau – Professional Engineering Organization   **January 2020 – Present**

Brother Board
- Responsible for planning pledge class social events as well as proposing budgets
- Coordinated with other board members for event days to insure maximum attendance
- Presented weekly presentations and conducted votes to receive class approval

General Member
- Participated in weekly meetings which adhered to Roberts Rules of parliamentary procedure
- Attended many professional development events and improved communication and teamwork skills