**Zachary Blum**

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**EXECUTIVE SUMMARY**

Computer Science student with a Business minor at the University of Central Florida seeking to leverage coding, learning and communication skills to add value as a software engineering intern.

**EDUCATION**

**University of Central Florida:** Orlando, FL Planned: **May 2024**

Bachelor of Science in Computer Science with a Business minor

Cumulative GPA/Major GPA: 3.9

**Languages/Skills**

Coding Languages**:** Java, C, C++, HTML, CSS, JavaScript, React JavaScript, Haskell, SQL

Software Development Skills:Front-end, learning Back-end Web Development, MySQL, Project Management, Agile Development, Kanban

Noteworthy Classes:Data Structures and Algorithms 1 & 2, Database Systems, Processes of Software Development, Competitive Programming and Team Dynamics

**Achievements/Awards:**

Tau Beta Pi (National Engineering Honor Society) - 2022

President’s List - 2021, 2022

Dean’s List - 2020, 2022

2020 - Florida Bright Futures Medallion Scholar, UCF Provost Scholarship, UCF Honors College

**PROFESSIONAL EXPERIENCE**

**Project Manager (volunteer) - Wevise:** <https://wevise.org> **June 2022 – October 2022**

* Created an efficient medium for development by using JetBrains Space to centralize two six person teams’ development of Wevise’s web application.
* Brainstormed visions and goals, including a breakdown of the build into sprint sections for Wevise web application in collaboration with the tech lead.
* Managed communication and deadlines within the tech team, planning twice a week updates and weekly stand-up meetings to ensure the team was meeting goals and all blockades were addressed.

**Code Tutor - Code Ninjas**: Plantation, FL **November 2019 - August 2020**

* Taught children basic typing and coding skills using Scratch and JavaScript to build games in 1-hour sessions.
* Developed multiple weeklong curriculums with my three-member team, focused on creating a balance of challenge and enjoyment for students.
* Invoked customer satisfaction for parents by establishing clear goals and communicating the progress and enjoyment their child experienced.

**PROJECTS:** <https://github.com/zacharyblum2>

**Landing Page:** <https://zacharyblum2.github.io/LandingPage>

* Built a landing page template using HTML, CSS and Git from requirements - a final design and component specifications.

**Rock Paper Scissors:** <https://zacharyblum2.github.io/Rock-Paper-Scissors>

* Built a rock paper scissors web application game using HTML, CSS, JavaScript, and Git.
* Created a UI using event handlers that shows user and computer selections, the score and who won.

**Contact Manager:** <https://github.com/carlos-jmh/pfoos-full-stack-app>

Served as both Project Manager and Front-End Developer

* Created a UML Use Case Diagram and Entity Relationship Diagram.
* Created Kanban board and Gantt chart using Monday.com to organize the build and track team performance.
* Led team discussions to break down the project into sections and assigned team members tasks with due dates.
* Worked on the landing page, login, and signup pages using HTML, CSS and JS.

**ACTIVITIES**

**Volunteer:** Nova High School Engineering Camp Volunteer **June 2019 - August 2019**

* Taught campers basic 3D modeling using SOLIDWORKS.
* Helped campers design and construct wooden CO2 race cars and plastic bottle rockets.

**Volunteer**: Feeding South Florida Volunteer **September 2018 - May 2019**

* Removed expired foods and separated foods into common groups (i.e. Dry Goods, Fruits, Vegetables, Candy).
* Constructed pallets of food that I later saran wrapped and moved into the warehouse for shipping.