

# Juan Esteban Peñuela G.

(561)–507–9993 | [juanex@knights.ucf.edu](mailto:juanex@knights.ucf.edu) | [LinkedIn](#) | [GitHub](#)

## OBJECTIVE

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Seeking for an internship to utilize and improve my software engineering skills in the workplace.

## EDUCATION

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**University of Central Florida**, Orlando FL

Bachelor of Science in **Computer Science**

**Palm Beach State College**, Lake Worth FL

Associate in Arts – Computer Science

**Relevant Coursework:** Object Oriented Programming (Java), Computer Science 1 (C), Python Programming with Raspberry Pi, Computer Logic, and Organization.

**Expected: 12/2024**

Cumulative GPA: 3.4

**05/2022**

## SKILLS

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### C Programming

- Developed several programs using algorithms, data structures, File I/O, amongst other features.
- Developed Hangman game simulator using C, incorporating method overloading, pointers, arrays, and File I/O.
- Experience with data structures such as arrays, linked lists, queues, amongst others.

### Java Programming

- Developed several programs such as calculators and visual applications utilizing Java.
- Developed a simulation of the “Snake” game in Java, utilizing the core concepts of object-oriented programming, event handling, and GUI development using JavaFX.

### Web Development Techniques

- Experience creating websites utilizing HTML, CSS, and JavaScript.
- Familiarity with web development tools such as React and Angular.

### Developer Tools

- Experience with technologies such as: Git, Bash, Visual Studio, Microsoft PowerShell, Fire Base, Node.js, and MongoDB.

## PROJECTS

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**Hackathon Project: Ticket and fix it** Workflow Management System | Hack My City 2022

**10/2022**

- Developed a workflow management system using Node.js, JavaScript, Firebase, HTML, and CSS.
- Implemented a progressive web application that uses a database to store complaints from citizens in the form of a “ticket” and uploads it to the city during the Hackathon event “Hack My City.”
- Collaborated with the design of features such as a heatmap and upvotes for the tickets to improve the user experience.
- Utilized Firebase for real-time data management. *See the [GitHub repository](#)*

**Python-Based Robot Project using Raspberry Pi**

**09/2022**

- Developed a robot using Python and a Raspberry Pi, incorporating different elements of a Raspberry Pi such as Sense Hats, PiCamera, and DC motors amongst others.
- Controlled and monitored the robot remotely through a custom-made interface.

## WORK EXPERIENCE

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**Part-Time ESL Tutor** | Youth Co–Op Inc. (Remote)

**08/2021 - Present**

- Tutor high school students in English as a second language, and high school mathematics.

**Student Assistant** | Palm Beach State College.

**08/2021 – 05/2022**

- Assisted the office of Bachelor Programs at PBSC with the research of Artificial Intelligence and Computer Science
- Collaborated with faculty members and the Dean to develop new Bachelor programs at PBSC.

## AWARDS AND ORGANIZATIONS

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- Knights of Distinction | University of Central Florida, Member
- KnightHacks | University of Central Florida, Member
- President’s Honor List | Palm Beach State College, 2022