

PABLO ESTRADA

2087 Stadium Rd - Gainesville FL 32611
(786) 838-5657 - pablof300@gmail.com

website: pabloestrada.me

EDUCATION

University of Florida
B.S Computer Science
Graduation May 2022
GPA 4.0

SKILLS

Technical Languages
Java, Python, Swift, Ruby HTML, CSS

Frameworks
Rails, SpriteKit, JavaFX

Tools
Git, Photoshop

Languages
English, Spanish (Fluent)

AWARDS

TSA State Competition Winner
Animatronics, 2nd place 2018

FBLA State Competition Winner
Cybersecurity, 3rd place 2017

Gator Club of Miami Scholarship

Ortega Foundation Scholarship

Bright Futures Scholarship

CERTIFICATIONS

Robotics Education & Competition Foundation Certification
Entry robotics certification 2017

Autodesk Certified User AutoCAD
CAD certification 2016

 linkedin.com/in/pablo-estrada

 github.com/pablof300

PROJECTS

EarthSkipper, Winner of Best First Hack at UHack 2018 2018

- Developed a web-application to promote spontaneous travel around the world, using **Ruby on Rails**. (earthskipper.herokuapp.com)

Singularities, iOS game app, personal project 2018

- Developed space themed two-dimensional game available for iPhone/iPad, downloaded over 500 times and has a 4.8 star rating on the AppStore.
- Employed tools such as **Swift** using **Firebase**, **Google Admob API**, and **SpriteKit**.

Animatronic Orangutan, a multidisciplinary engineering project 2018

- Devised an interactive orangutan that supports movement and speech of facts about orangutans to raise environmental awareness about their species.
- Designed wiring and software to control the hydraulics, RFID, and servos, using **Python** and a **Raspberry Pi**.
- Collaborated with a multidisciplinary team (artistic, mechanical, and programming) to achieve 2nd place at the TSA Florida State Conference.

Cubical World, iOS game app, personal project 2017

- Created a multi-level game published on the App Store, written in **Swift** with over 30 levels.
- Engineered the logic of collisions, interactions, and camera movement using **SpriteKit** and conducted graphic design for most game textures.

PROFESSIONAL EXPERIENCE

INTERN/INSTRUCTOR

June 2016 - August 2016

CodeKids/ Miami

- Provided guidance at an engineering/programming summer camp in Miami.
- Taught campers ranging from 8-12 years old a curriculum of introductory programming, EV3 robot design, electronics, and engineering principles.

INVOLVEMENT

TECHNOLOGY STUDENT ASSOCIATION

2017-2018

Chapter President

- Cofounded school chapter and coordinated chapter trip to the state conference.

CODING CLUB

2017-2018

Vice-president

- Tutored club members in Java and oversaw student managers.

FUTURE BUSINESS LEADERS OF AMERICA

2014-2017

Club competitor

- Achieved third place in cybersecurity at a state level and top three place in business calculations and business math at a district level.

VOLUNTEERING

STEMGINEERS CLUB, local middle school engineering club

2017

- Volunteered as an instructor at a local middle school in Miami.
- Aided club members with VEX IQ design, 3d printing, and engineering advice.