95 Calle Méndez Vigo Oeste, Apt 3F, Mayagüez, Puerto Rico 00681

FERNANDO AROCHO

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EDUCATION

Puerto Rico University of Puerto Rico, Mayagüez

Fall 2012 - Present

- Bachelor of Science in Computer Engineering
- Expected Graduation Date: May 2018

GPA: 3.11 /4.00

RELEVANT COURSES * = Current

- Data Structures (Java)
- Software Security (Java)
- Software Engineering *

- Programming Languages *
- Databases *

EXPERIENCE

Back End Developer Jaime Te Lleva June 2016 - Present

- Developed CRUD functionalities for users, drivers, and trips in administrator dashboard
- Incorporated permissions for different administrator roles
- Applied server side image manipulation for drivers' profile images
- Developed and redesigned the drivers' API to obtain information from a CSV file

Lead Developer Drone Designer App June 2016 - Present

• Developed the front-end of the application with HTML, CSS, JavaScript/jQuery and Bootstrap

Lead iOS developer Undergraduate Research: Enfoque August 2015- Present

- Developed the iOS mobile application for the Enfoque Film Festival
- Investigated other features the application may need by interviewing attendees and staff
- Worked on Human Centered Design for the application

Scholarship Winner iOS Foundation Bootcamp March 2016

- Developed a journal application implementing Protocol Oriented Programming, Model View Controller architecture, data persistence, and Core Location
- Recreated the journal application using Core Data for data persistence
- Developed a picture feed while implementing multithreading techniques for the heavy images
- Created a calculator implementing auto layout and stack views

Summer Intern Verizon Summer 2015

- Executed and validated all 35 Ultra High Priority Test Cases for new mobile technologies
- Reached the validation of 6 out of 9 test cases for one of the new technologies

PERSONAL TECHNICAL EXPERIENCE

- **Pokedex Application iOS** (2015): Developed a pokedex application utilizing Alamofire for the HTTP request to the pokeApi with help of an online course
- Omnifood (mock company) (2015): Developed the front end of a web page for a mock company using custom CSS and JavaScript/jQuery with help of an online course

ADDITIONAL EXPERIENCE AND AWARDS

- Third Place, Open Capstone Exhibition: Awarded 3rd place for Enfoque Film Festival Project, out of 32 projects
- Best Poster Presentation, Industrial Affiliates Program (IAP): Awarded Best Poster prize for Enfoque Film Festival Project, out of 29 projects

Languages and Technologies

- Programming Languages: Swift 2.1, JavaScript, Object Oriented PHP (Laravel), Java
- Web Design: HTML, CSS, jQuery, Bootstrap
- · Databases: MySQL, Postgres
- IDE Tools: Xcode 7.*