

JOHANNA SMITH-PALLISER

CONTACT

✉ jls628@cornell.edu
☎ (786) 201-3790
🌐 johannasp.com
🔗 johannasp

ACTIVITIES

Hyperloop Project Team
Web Development Lead
BigRed//Hacks
Director of Sponsorship
Association of Computer
Science Undergraduates
Social Officer
CUEmpower
Mentor
NACME Scholar

COURSEWORK

Object Oriented
Programming
Data Structures
Functional Programming
Language & Information
Digital Logic & Computer
Organization
Intro iOS Development
Intermediate Design &
Programming for Web
Embedded Systems

SKILLS

Python, Swift, Objective-C,
Java, PHP, HTML, CSS, SQL,
Javascript, C, MATLAB
Github, Xcode, Atom,
Heroku, MS Office
Native Spanish speaker

EDUCATION

Cornell University – B.S. Computer Science, GPA: 3.059 2019
Miami Dade College – A.A. Computer Science, GPA: 3.98 2015
School for Advanced Studies – HS Diploma, GPA: 7.307 2015

PROJECTS

Chef's Choice

- Web app that provide recipe recommendations based on user's self-reported mood alongside optional fields such as diet, cuisine, meal type, ingredients
- Uses information retrieval to determine user's mood as a core emotion and machine learning to determine food-mood associations
- Developed for web with Python, PHP, HTML, and CSS, using the Spoonacular API and a backend database to maintain training set of recipes

SmartBasket – 2nd Place, Walmart Brick & Code 2.0 Hackathon

- iOS application to allow Walmart shoppers to participate in “shop sharing”
- Allows both shopper and seller to save on shipping costs by grouping orders in one box, increasing shopper return rates and sales

EXPERIENCE

Twitter

Summer 2018

Software Engineering Intern – iOS

- Implemented native iOS video player to present full screen VAST video ads for the MoPub SDK with functionality for metrics tracking and VAST XML parsing

Student Academic Assistant

Spring 2018

CS 2300 – Intermediate Design & Programming for Web

- Explained technical concepts – frontend development, database construction, user interactivity – and design principles to 30+ students in an intermediate level course
- Provided personalized support for students through weekly office hours, both in groups and one-on-one
- Evaluated projects and provided feedback to strengthen students' skills in PHP, SQL, AJAX, Javascript

GE Aviation

Summer 2017

Digital Technology Leadership Program Intern – Brilliant Factory

- Collaborated with multiple team leads as project coordinator for an electronic records management initiative for Maintenance, Repair, and Overhaul shops reducing processing time by 30-50% and producing \$600K in annual savings
- Debugged and led data ingestion efforts and streamlined reporting process for insights on shop labor hours through a dashboard displaying metrics and trends, saving \$500K per site
- Utilized Agile methodology to manage the development process for each project

CodeKids Camp

Summer 2016

Instructor

- Taught students ages 7-13 the fundamental lessons of computer science, programming, and robotics
- Challenged, engaged, served, and communicated with students to encourage their participation and learning while maintaining mutual respect and value