

## Technical Skills

### Programming Languages:

Javascript, Python, PHP, Haskell, Java, Scala, Swift, Groovy, C, Rust

### Development Lifecycle:

Continuous Integration/Deployment, Testing,

Version Control (Git Flow practices), Docker, Databases (SQL & NoSQL),

"Big Data" (Distributed Filesystems, Spark, MapReduce, Kafka, Spark, Hive, etc)



## Projects & Hackathon Events

### devpost.com/alastairparagas

Won 11 out of 15 hackathons attended. Projects varied from Halcyon - a web browser for the visually impaired, Tidbit - a Chrome extension that parsed any web content for summaries and categorized them into types, Ellery - predicting your graduation GPA and recommending what CS courses to take next, MetroBoom - peer-to-peer music jukebox, Soundstrike - a web game combining real-life music instruments and sheet music, and many more.

## Certifications

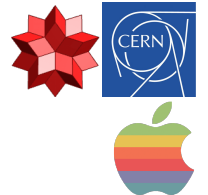
**Data Manipulation at Scale: Systems and Algorithms:** Coursera - #3W7K4AUF3SZ6

**Wolfram Language/Mathematica:** Wolfram - #CASE:3356469

## Technical Experience

### Summer Research Student (Summer 2017) - European Organization for Nuclear Research (CERN)

Built an anomaly detection and recommendation microservice for Zenodo - CERN's research paper repository using various graph algorithms, Scala, Stanford CoreNLP and Oracle PGX - an in-memory graph engine. Used Groovy and Apache Zepellin notebooks for performance benchmarking and Python 3 for flat file creation with unique keyword determination.



### NLP Research and Survey of DB Systems Learning Assistant (Fall 2016 - Summer 2017) - FIU SCIS

Worked on a crowd-sourced complement to WordNet - TermMerge - github.com/termmerge

Formulated project assignments, graded and helped students learn about "big data" systems

### Software Engineer Intern (Summer 2016) - Apple Inc

### Software Engineer (Spring 2016) - FIU High-Performance Database Research Center

### Research Student (Summer 2015) - Wolfram Research

### Software Engineer/Student Assistant (Summer 2014-Spring 2016) - FIU Honors College

## Education

CS (Major), Math & Math Sciences (2 Minors), GPA: 3.82 - Florida International University



## Extra-Curricular

2015-2017 (2 Years) President - Association for Computing Machinery at FIU

