

# Ricardo M. Martinez

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## Education

### **COLUMBIA UNIVERSITY**

NYC, New York – Class of 2017

Fu Foundation School of Engineering and Applied Science

Bachelor of Science in Computer Science

Track: Software Systems (**GPA: 3.23/4.00**)

### **CARNEGIE MELLON UNIVERSITY**

Pittsburgh, Pennsylvania | Summers 2011, 2012

William Elliot Scholarship

### **MAST ACADEMY**

Miami, Florida – Class of 2013

Magna Cum Laude

## Projects

### **ImHere** | Lead Developer, Database Manager

September 2016 – July 2017

- Online attendance management system which provides a fast, simple, and secure way to track student attendance in a classroom setting.
- Uses Google's SSO for account creation/management.

### **StockQ** | Lead Developer, Language & Test Guru

October 2016 – December 2016

- A general purpose programming language that compiles to LLVM IR. It is an imperative language that syntactically looks like a mix of Python and C.
- Excels in giving users tools to quickly run complex mathematical calculations, which makes the language useful in financial operations and stock management.

### **ChampDB** | Lead Developer, Front-end Designer

March 2016 – May 2016

- A front-end application that interacts with a PostgreSQL database to provide information about the characters of a popular video game.
- Provides search, filter, and add/remove capabilities, while also using composite types, array attributes, and triggers.

## Coursework

Advanced Programming

Data Structures/Algorithms (Honors)

Introduction to Databases

Operating Systems

Computer Networks

Advanced Software Engineering

Programming Languages & Translators

Artificial Intelligence

Secure Software Development

## Skills

Python • Java • C • C++ • Ocaml

Postgresql • Web Dev w/ Flask & Django

Bash • Git • Linux Systems

## Languages

- English: native language
- German: intermediate (speaking, reading, writing)
- Spanish: basic (speaking, reading, writing)

## Honors

- JPMorgan Chase & Co. 2016 Self-Defined Project Winner
- Columbia Scholars Program, C. Prescott Davis Scholar

## Additional Experience

- Server, Runner & Busser • Pride & Joy BBQ, Miami, FL – Summer 2015
- Miami Dade Public Schools, Aquatic Camp Counselor, Summers 2012 - 14

## Links

Personal Website: [ricardomart.github.io](https://ricardomart.github.io)  
(includes links to Github, Bitbucket, etc.)