

# Austin Palmer

444 E 75th St ■ Apt 9B ■ New York, NY 10021  
(770) 843-3065 ■ acharlie1377@gmail.com

---

## Experience

### Columbia University

*Teaching Assistant*

**New York, NY**

*Sept 2017 – May 2021*

- Designed and led recitations, graded programming-focused exams written in Python, and wrote automated grade-uploading scripts for a graduate-level Simulation course.
- Graded and assisted students with large programming-focused projects in a graduate-level Applications Programming course, using Python, C++, and VBA.
- Proctored exams and led office hours to assist students struggling with class material in a graduate-level Data Analysis course.

### Travel Tripper

*Support Engineer*

**New York, NY**

*Jan 2017 – Jul 2017*

- Located and fixed bugs within a large reservation management application written in Java and Ruby.
- Implemented and modified JavaScript tracking code for ad services such as Google Tag Manager and Bing Universal Event Tracking.

### Direct Agents

*Web Developer*

**New York, NY**

*Jul 2016 – Dec 2016*

- Augmented ad reporting and tracking services by developing server-side applications in C#.
- Implemented multi-threaded loaders to pull and synthesize advertising data from third-party APIs.

### Haver Analytics

*Research Assistant*

**New York, NY**

*Jun 2016 – Feb 2017*

- Analyzed, updated, and maintained economic data for countries in eastern Europe.
  - Improved versatility of databases by adding new economic series and revising historical data, and generating seasonal- and trend-adjusted data.
  - Increased productivity and efficiency by automating database updates and writing low-level web scraping scripts.
- 

## Projects

### Factorus

- General refactoring tool for the Vim text editor, written entirely in Vimscript.
  - Supports context-aware renaming of objects, parameter addition, and variable encapsulation in C, C++, and Java, as well as an automatic method-extraction tool.
  - Supports limited object renaming and method extraction in Python.
- 

## Education

### MS, Operations Research

*Columbia University, IEOR*

**Sept 2017 – May 2018**

*New York, NY*

### BA, Mathematics & Economics

*New York University, College of Arts & Sciences*

**Sept 2014 – Dec 2016**

*New York, NY*

---

## Skills

**Languages/Frameworks:** C, C#, Entity Framework, Hibernate, Java, PHP, Python, Spring Framework, Struts, SQL

**Technical Skills:** Ant, Bash, Git, L<sup>A</sup>T<sub>E</sub>X, Linux, MVC, OOP, Vim

**Web Development:** Angular, Apache Tomcat, ASP.NET, HTML/CSS, JavaScript/JQuery