

# EVAN CARTER

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## EDUCATION

### The University of Texas at Austin

Bachelor of Science & Arts, Computer Science, December 2015

GPA: 3.0

Bachelor of Arts, Government, December 2015

GPA: 3.2

### Relevant Coursework

- |                              |                             |                          |
|------------------------------|-----------------------------|--------------------------|
| - Object Oriented Programs   | - Operating Systems         | - iOS Mobile Computing   |
| - Computer Architecture      | - Algorithms and Complexity | - Multivariable Calculus |
| - Statistics and Probability | - Linear Algebra            | - Data Management        |

## EXPERIENCE

### PriceWaterhouseCoopers, Dallas, TX

06/2015 – 08/2015

#### Web Development Intern

- Developed .NET MVC application for measuring Project Health, Market Statistics and Health
  - C# backend controlling SQL Database
- Re-envisioned and Implemented new UI with the use of Javascript and CSS

## PROJECTS

### Jam (Python / Django) [[evancarter.me/jam-out](http://evancarter.me/jam-out)]

- MVC Django Web App for Featuring, Reviewing, Sharing, Rating, and Recommending Music
- SQLite Database modeling Relationship between Artists, Albums, Reviews, and User Profiles drafted from Spotify's API Model.
- Indexing on heavily searchable fields; Artist Name, Artist ID, Album Name, etc.
- Read-only API using Django's RESTful Framework for viewing Albums and Artist details.
- Deployed and hosted on Heroku

### Voluntr (Swift)

- Location based volunteering app. Enabling Users to easily discover local Volunteer Events.
- Use of AllForGood Volunteering API to deliver opportunities in a variety of formats such as Map Views and Table Views.
- Creation of Profiles to store User interests and preferences of causes, organizations, and recurring events. Wrapped back end data for functionality within Application.
- Exporting Event Details to Calendars with EventKit.

### Conway's Game of Life (C++)

- Creation of multiple cell types derived from virtual abstract cell type class.
- Policy Design Pattern development between Life Class and Cell Classes.
- Development of Cell wrapper class designed to manage Heap Memory.

## SKILLS

Proficiencies: Java | C++ | Python SQL | CSS | HTML | SQLite | Unix | Linux | MS Office

Exposure to: C | C# | Swift / iOS Development | Javascript