

# 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

### *Pintos (C)*

- Implementation of Virtual Memory
  - Frame Table managing Main Memory Allocation, Page Faults Handling, Scheduling Page Evictions with a Clock Algorithm.
  - Supplemental Page Table responsible for tracking where data is stored on Disk, Main Memory, or Swap Space.

### *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: C++ | Java | SQL | CSS | HTML | MS SQL Server | Prezi | Xcode | MS Office

Exposure to: C | C# | Swift / iOS Development | Javascript | Python | Unix | Linux



<https://www.linkedin.com/in/cartev>



<https://github.com/cartev/>