

# EVAN KERNS

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**Contact:**

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## EDUCATION

**University of Colorado:** Boulder, CO

**Graduation:** Dec 2017

**Bachelor's in Computer Science**

**Notable Coursework:** Computer Graphics, Computer Systems, Database and Information Systems, Data Structures, Software Development Methods & Tools, Operating Systems, Algorithms, Calculus I & II, Discrete Mathematics, Linear Algebra, Numerical Computation, Physics I & II

## PROGRAMMING

**Github:** [evankkerns](https://github.com/evankkerns)

**Languages:**

**Proficient:** C, VB.NET, HTML, SQL

**Intermediate:** C++, Java, HTML, CSS, Javascript

**Basic:** C#, OpenGL, Python, MatLab

**Experience:** 9+ years of programming

## PROJECTS

**Computer Graphics:** (CSCI: 4229 CU-Boulder) - [github.com/evankkerns/csci4229](https://github.com/evankkerns/csci4229)

Created a 3D virtual Fenway Park in C and OpenGL. Included a moving light source, shading, and textures. The stadium is viewable in first-person with the ability to move around freely or an overhead position with the stadium movable by each axis.

**Human-Centered Computing:** (CSCI: 3002 CU-Boulder) - [plus.google.com/collection/QRVzmB](https://plus.google.com/collection/QRVzmB)

In a team, developed designs for an app that let users control a drone with their phone or smartwatch. Our team designed paper prototypes and facilitated user reviews to improve our product throughout the semester. The project was meant to engage aspects of creating a software product outside of writing the code.

**Human-Centered Computing Professional Development:** (CSCI: 3112 CU-Boulder) - [evankkerns.github.io](https://github.com/evankkerns)

CSCI: 3112 is a class to allow students learn independently in any area of computer science. I chose to learn HTML and CSS and created my personal website using a code template, editing the HTML and CSS to my specifications.

## WORK HISTORY

**Kubotek3D:** Marlborough, MA

Apr 2018 – present

*Junior DevOps Developer*

- Monitor and improve the web store and support site
- Responsible for company databases and SQL queries
- Create tools to automate data integrity and testing

**Cafe Mexicali,** Boulder, CO

Apr 2015 – Nov 2017

*Restaurant Manager*

- Manage employees and the restaurant during shifts
- Manage customer service and food quality

**New England Frontier Camp,** Lovell, ME

Summers 2013-14, 15-16

*Waterfront Director/Camp Counselor*

- Supervision of all lifeguards, boats, and water activities
- Organize and lead activities