

# Kyle Dieckman

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## Objective

To create software that will improve the lives of users in a meaningful way, while also striving to improve myself.

## Education

Western Washington University - 2012 to 2017

B.S., Computer Science

## Programming

**Tools:** Python, C, C#, Java, Git, SVN, CVS

Developed a wide range of applications using procedural, functional, and object-oriented programming paradigms.

### Course Work

- ❖ Implemented a shell in C for UNIX based systems
- ❖ Created a compiler using Flex and Yacc

### Independent Work

- ❖ Built various game prototypes using tools like Game Maker, Unity, and Unreal Engine
- ❖ Developed an IRC bot using C# which allows users to interact with livestreams

## Web Development

**Tools:** HTML, CSS/SASS, JavaScript, PHP, SQL, GIMP/Photoshop, WordPress, Django

Built dynamic web pages with responsive designs that were clean, functional, and effective at communicating with customers.

### Course Work

- ❖ Worked with a small team in building a voter information management app for an external customer using Django

### Independent Work

- ❖ Designing and implementing a social media app

## Interests

Video Editing   Music Production   Writing   Board Games