



# KIENEN WAYRYNEN

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Github: <https://github.com/KienenWayrynen>

## Education

Bachelors in Computer Science

December, 2018

Washington State University Vancouver - Vancouver, Washington

Interests in Front-End Development and Web Development

## Current Occupation

Barista at Black Rock - Vancouver, WA from May, 2015 to present

## Projects/Experience

Portfolio Project (HTML/CSS/JavaScript) → <http://dtc-wsuv.org/kwayrynen18/portfolio/>

- A dynamic website that shows some of the projects that were completed in my Multimedia Authoring class

Recipe Project (HTML/CSS) → <http://dtc-wsuv.org/kwayrynen18/recipe/>

- Scrollable website which includes the recipe on how to make a mug pizza in HTML & CSS
- Utilizing grid layout

Sequential Project (HTML/CSS/JavaScript) → <http://dtc-wsuv.org/kwayrynen18/sequential/>

- Interactive Mr. Potato Head website that allows you to drag and drop body parts onto a potato
- Utilizes a drag and drop function from the jQuery plugin

Connect 4 with GUI (Python):

- Engineered the GUI (Graphical User Interface) for a desktop version of Connect 4 utilizing Python
- Collaborated on designing and developing the game's point system
- Constructed a range of difficulty

PeersPick Android Application (Java/XML)

- Application interface varies depending on disability
- Application to help people with disabilities more easily navigate a particular destination
- Utilizes a graph search algorithm to indicate a path based on the parameters the user specifies in their disability profile
- Utilizing Android Studio to design the user interface (frontend) for the mobile application

File Transfer Server (C)

- This program utilizes the Unix TCP/IP sockets interface to communicate with each other across a TCP/IP network
- Invoked a command line within the program to transfer the files

## Skills

- Python, Java, C, X86 (Assembly), Perl, C++, SQL, MySQL, Standard ML, Command Line/Bash, Regular Expressions (Regex), HTML5, CSS3, JavaScript, jQuery, Swift, XML, JSON, SASS, PHP
- Comfortable with version control (Git)
- Experience with Amazon web services (AWS)
- Troubleshooting and debugging
- Multimedia authoring
- Sketch (for storyboarding)
- Test driven development (JUnit)
- Agile Development
- Scrum Meetings
- Software development techniques
- Data analysis
- Development experience in Unix (MacOS/Linux) & Windows (Unix preferred)
- Numerical computing
- Systems programming
- Automata and formal languages
- Computer organization
- Adobe Photoshop
- Microsoft Office

## Activities

- Member of the Association for Computing Machinery Club (ACM) (January 2015 to May 2018)

- Frequently attend tech meetups via the Meetup App
- Member of The National Society of Leadership and Success (September 2018 to Present)

**Awards**

- Recipient of Washington State Opportunity Scholarship (May 2016 to Present)