

Education

Kutztown University of Pennsylvania, Kutztown PA 2020
Bachelor of Science in Computer Science, Software Development

Noteworthy Coursework: Web Technologies, Advanced Scientific Programming, Compiler Design, Cryptography, Data Structures, Interdisciplinary Software Rapid Prototyping, Operating Systems, Network Programming, Java Programming, Computer Science Theory.

Projects

Angler's Augur - Personal, 2021-2022

A multi-platform application that gives a grade 'A-F', based on the weather conditions, to determine whether or not to go fishing. Displays many current weather effects on the location entered in a grid pattern including temperature, wind, pressure, moon phase, and more.

Tech: Electron, HTML, CSS, JavaScript, Bootstrap, Webpack

One Way Out - Group Course, 2020

Ambient VR Horror Game built using Unity Engine. Scripts are written in C# to perform actions including but not limited to movement, moving objects, game timer display, jump scare triggers, and custom player actions.

Tech: Unity Engine, Blender, VRTK, C#

Safely Sent - Group Capstone Course, 2019-2020

Encrypted web messaging application built using Firebase. Data is encrypted in a non-relational using a SHA256 hashing algorithm and decoding on message transfer. Authentication is done via Firebase.

Tech: Firebase, HTML, CSS, JavaScript, Adobe XD

Paddle Duck - Personal, 2015-2016

iOS Game where a player dodges objects using their phone's built-in accelerometer. Levels can be unlocked via in-game currency and are collected on each run. The score is calculated by the number of coins collected per instance of a level.

Tech: XCode, Objective C, Paint.net

Work Experience

Lowe's Home Improvement, Pottstown PA

Delivery Coordinator 2022-Present

- Minimized the number of deleted deliveries from 20% down to 6% which is calculated weekly
- Tracking and ensuring merchandise is accurately accounted for, handled, and delivered
- Gathering detailed information from customers and handling issues that arise from start to finish of the delivery process

Lowe's Home Improvement, Pottstown PA

Receiver/Stocker 2019-2022

- Aided in the successful turnaround of receiving department through newly implemented organizational systems that maximized efficiency
- Significantly decreased time spent on processing & scanning customer orders in the department
- Became the Receiving department mentor for new associates starting in the position enabling me to be the first resource for questions related to the job

Lowe's Home Improvement, Pottstown PA

Overnight Stocker 2018

G.H. Bass & CO., Pottstown PA

Sales Associate 2016

Skills: JavaScript, HTML, C++, Windows, Unix, Git, Github, Computer Hardware and Software, Adobe Creative Cloud, Forklift, Order Picker, Reach Truck Certified