



ANDREW KELL

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EDUCATION

B.S. in Computer Science from California State University Monterey Bay October 2020

PROGRAMS & LANGUAGES

Adobe Premiere, After Effects, Illustrator, Final Cut Pro, Blender, AutoCAD

C++, HTML5, CSS, PHP, JavaScript, ReactJS, Angular, NodeJS, MySQL, Java, Python, and UNIX

SKILLS & ATTRIBUTES

UNIX/Computer Experience

Automated homework submission with Bash Shell Script

Admin of personal web server for portfolio website and Japan trip image hosting

Made personal Smart Thermostat using Raspberry Pi Zero

Works on Windows, Mac, and Linux systems daily

Team work

Working with professor to improve student's learning

Working on SAGA team at CSUMB and other team projects through school

PROJECTS

Mirrored Fantasy - Javascript, NodeJS, ExpressJS, Socket.io

Online MOBA style game written from scratch in NodeJS, ExpressJS, JavaScript with custom collision engine and networking using Socket.io for multiplayer gameplay.

Parking Detection - Python, OpenCV, Javascript, GoogleMapsAPI, PHP, MySQL

Using Raspberry Pis as cameras and OpenCV for car image recognition to detect open parking spaces, then displaying available spaces on a website using the Google Maps API

Kana Flights - Java SpringBoot, Javascript, MySQL

A flight booking microservice built for a larger travel planner (bookings.com clone) where users can look up and reserve flights through the site or the rest API from the planner site.

HONORS & AWARDS

People's Choice Award in CSUMB Capstone Festival for Mirrored Fantasy 2020

First Place and Second in the next year in the Reddit Minecraft Tournament 2012 - 2013

Various Awards in the Youth Climbing League 2009-2012

WORK EXPERIENCE

Frontend Software Engineer at TriTech Software, 11/2020 - Present

Building from the ground up an enterprise grade tax software with Angular, NX, Single SPA micro frontends, testing with Cypress, and component testing with Storybook.

STEM Tutor and Computer Science TA at Clovis Community College, 8/2018 - 8/2020

Best Buy Customer Service Specialist, 2/2015 - 2/2017