KEVIN PHAM

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kpham56.github.io

EDUCATION

San Jose State University
Bachelor's Degree Computer Engineering 2022

SKILLS

C++, Python, Git, HTML,

PHP, Verilog, Bootstrap,

Circuit Analysis, Unix

COURSEWORK

Digital Circuit Design

Engineering Reports

Data Structures and Algorithms

Engineering Statistics

Advanced Algorithms

Software Engineering

Electronics for Computing Systems

Operating Systems

Compiler Design

Microprocessor Design

PROJECTS

ULTRASONIC OBSTACLE AVOIDANCE CAR
HTTPS://GITHUB.COM/KPHAM56/CMPE127PROJ

- Utilized TI TM4C controller, SR04 Ultrasonic sensor, 3D printed chassis, and DC motors to create a self-driving vehicle
- Vehicle logic programmed controller in C, using Keil uVision

NS3 NETWORK SIMULATOR
HTTPS://GITLAB.COM/NS3SIM/SIMULATIONS

- Developed simulator to realistically calculate data throughput and delay over an LTE network
- User defined simulation featuring mobility, multiple devices, towers, and adjustable packets
- Generated animated results and text output
- Wrote python script to visualize datapoints

ONLINE GROCERY STORE
HTTPS://GITHUB.COM/KPHAM56/ECOMMERCE-OFS

- Developed the Cart and Checkout page using HTML and PHP
- Created input verification for pages

EXPERIENCE

EDLYFT, SAN FRANCISCO, CA
Student Mentor
AUG '21 – PRESENT

- Teach Students CS concepts such as Trees, Sorting, Searching
- Create assessments to measure performance
- Hold weekly meetings and office hours with students

NASA ARC, MOUNTAIN VIEW, CA
Software Engineering Intern
JUNE '21 - AUG '21

- Collaborated with peers to develop an LTE Simulation using NS3 and NetAnim
- Presented weekly findings in standup
- Attended weekly cybersecurity meetings