

CLIVE UNGER

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EDUCATION

The University of Texas at Austin	Bachelor of Science, Electrical and Computer Engineering McCombs Business Foundations Minors Overall GPA: 3.78 Major GPA: 3.86	May 2020
Coursework	Algorithms, Probability, Software Design I & II, Linear Systems & Signals, Intro. Embedded Systems	

EXPERIENCE

NXP Semiconductors – Software Engineering Intern	Summer 2018
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- Created data scraping Perl script to parse relevant metric data from thousands of log files.
- Designed MySQL schema to organize metrics data and recorded data that was output from the script.
- Automated the generation of performance reports and presented analytics to upper level management.

UT Solar Vehicle Team – Electrical Team	Spring 2017 – Fall 2017
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- Collaborated with a team to design and build new solar powered car “BeVolt” for competition.
- Repaired and built, the subsystems that make up a solar powered vehicle.
- Maintained and debugged mission critical systems of six-year-old car for the 2017 American Solar Challenge.

Insurors Indemnity – Web Developer	Summer 2016
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- Built a web component using React and Redux to populate a PDF with customer information and signatures.
- Reduced steps in company’s work flow by developing a system to electronically process orders, previously mail-only.

PROJECTS

Twitter Sentiment Analytics – HackTX 24-hour hackathon	Fall 2017
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- Built and deployed a Python based web application which returned sentiment analysis data based on a user inputted topic.
- Utilized Flask framework for backend, Tweepy library for Twitter API, and Textblob library for text processing.
- Accomplished project under 24 hours with a team of four.

McCombs Summer Institute – Startup Project	Summer 2017
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- Developed the necessary components for a startup company with a team over the span of the semester.
- Conducted market validation to pinpoint target customers and form a business strategy.
- Researched and developed marketing strategy, legal formation, and financial plan.

Intro. Embedded Systems – Game Design Project	Spring 2017
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- Interfaced hardware and software to create an original game on two ARM based microcontrollers.
- Programmed, in C, driver utilizing the UART protocol for distributed computing multiplayer gameplay.
- Achieved all bonus credit by implementing edge-triggered interrupts, UART, double-buffered graphics, and sound effects.

LEADERSHIP EXPERIENCE AND ACTIVITIES

Texas Iron Spikes – Men’s Service and Spirit Organization	Fall 2017 – Present
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- Won New Member of the Semester Award, Fall 2017; Selected for outstanding commitment to organization.
- Served as Administrative Officer, Spring 2018; Second time in history of org that a new member was elected.

First-Year Interest Group (FIG) – Lead mentor	Spring 2017 – Fall 2017
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- Assist the social and academic integration of 20 Freshmen into the college atmosphere through weekly seminars.
- Organize professor visit, time management lessons, registration advising, and team building exercises.

SKILLS AND ACCOMPLISHMENTS

Computer Skills: C, C++, Python, Perl, Java, SQL, Git, ARM Assembly, LabView, JavaScript, React/Redux, Node.js, HTML, CSS, Ruby, Linux, Excel, Regex

Honors: Eta Kappa Nu (HKN), University Honors, Halliburton Scholar, National AP Scholar

Interests: Basketball, PC gaming, live music, cryptocurrency