

Theodore Chiu

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EDUCATION

Purdue University

B.S. Computer Engineering

West Lafayette, IN

2017 – 2021

Linear Circuit Analysis (ECE 201 & 202), Data Structures (ECE 368), Artificial Intelligence (ECE 473), ASIC Design (ECE 337), Advanced C (ECE 264), Digital Systems Design (ECE 270), Ordinary Differential Equations (MA 266), Object Oriented Programming (ECE 39595)

EXPERIENCE

Heroes Jobs

CS Intern

San Francisco, CA

Summer 2019

- Worked in an early stage startup as an intern leveraging software design and automation to optimize rapid growth in order to secure next round of funding
- Created libraries and scripts to automate social media presence that lead to an increase in user-acquisition
- Created internet scrapers to mine data from various databases to identify and target potential users
- Analyzed user characteristics and behaviors to identify trends in userbase

Learningtech

Intern

San Carlos, CA

2016 – 2018

- Created and implemented curriculum to teach students computer science and math skills in a summer camp setting. Helped and supported teachers and optimized learning experience for children.
- Optimized liquid handling robot mechanism to smaller tolerances using a PID system.
- Debugged and repaired numerous 3D printers.

Stanford Cognitive Systems and Neuroscience Lab – Stanford University

Intern

Palo Alto, CA

June – November 2016

- Worked in research lab environment as an intern to a post doctorate fellow assisting in research
 - Implemented scoring algorithm and optimized UI for screener game designed to help children with dyscalculia.
 - Collected and streamlined screener data for later analysis.
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SKILLS

- Java (Strong), Python (Strong), C (Strong), Matlab (Proficient), JavaScript (Familiar), Git (Strong), HTML (Strong), CSS (Familiar), Microsoft Office (Strong), OrCAD/PSpice (Familiar), System Verilog (Strong), Embedded Systems (Strong)
- **Pastimes:** Teaching, playing guitar/drums/piano, graphic design, audio mixing, cooking, skateboarding, mixed martial arts, motorsports, coffee