Theodore Chiu

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EDUCATION

Purdue University **West Lafayette, IN**
B.S. Computer Engineering *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), Operating Systems (ECE 469), Microprocessor Systems and Interfacing (ECE 362)

EXPERIENCE

Heroes Jobs **San Francisco, CA**
CS Intern *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 **San Carlos, CA**
Intern *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 **Palo Alto, CA**
Intern *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.

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), Soldering/Hot air rework (familiar), Embedded Systems (Strong), PCB design (familiar)