

# 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), Multivariable Calculus (MA 261), Linear Algebra (MA 265), Advanced C (ECE 264), Digital Systems Design (ECE 270), Ordinary Differential Equations (MA 266), Engineering Fundamentals and Matlab (ENGR 131 & 132)

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## 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.
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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), Verilog (Familiar)
- **Pastimes:** Teaching, playing guitar/drums/piano, graphic design, audio mixing, baking, skateboarding, mixed martial arts, motorsports, coffee