

Theodore Chiu

chiu42@purdue.edu | theochiu.github.io | linkedin.com/in/theochiu/

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)

EXPERIENCE

Learningtech.org

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

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