**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)

**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