

SUMMARY

Undergraduate student pursuing a Bachelor's degree in Computer Engineering, with further specialization in computer systems or embedded systems. Seeking an internship and/or job offer to gather work experience and find applications of circuitry and programming.

- Proficient in software programming, electronic circuitry, and media production.
- Experienced in customer services, including communication and financial management.
- Efficient leader and assistant, able to utilize resources to complete project research and development.

EDUCATION

Illinois Institute of Technology Chicago, IL Expected: May 2018
Bachelor of Science in Computer Engineering [GPA: 3.70 | Major GPA: 3.78]

Patrick F. Taylor Science and Technology Academy Avondale, LA May 2014
College Preparatory Magnet School [Unweighted GPA: 3.75 | Weighted GPA: 4.58]

- Member of National Honor Society, Mu Alpha Theta, Gifted and Talented, Soccer, Cross-Country, Track & Field

EXPERIENCE

IIT Teacher Assistant | Object-Oriented Programming I & II Chicago, IL Jan 2016 – Present

- Assist students in introductory computer science programming.
- Lead lab sessions every week, answering questions and concerns.
- Reassigned as a teaching assistant three semesters in a row.

Interprofessional Project | Li-Ion Battery Fabrication Chicago, IL Jan 2017 – Present

- Fabricate nano-LiCoO₂ to decrease diffusion distance in electrodes.
- Collaborate with other groups to compose batteries capable of fast recharge while maintaining voltage.

Interprofessional Project | Big Data Science Chicago, IL Aug 2016 – Dec 2016

- Delegated and performed group tasks to form a collaborative effort in research and development.
- Utilized big data and prototyped a solution that acknowledges poor air quality and related concerns.

Freelance Electronics Repair Technician New Orleans, LA Aug 2011 - Aug 2014

- Repaired various mobile devices, video game consoles, and other electronics for local clients.
- Physical repair/replacement of components, artistic modifications, and hardware modifications.
- Software services include unbricking device, unlocking carrier, and flashing firmware.

Couturie Forest Restoration Project New Orleans, LA Dec 2012

- Grew cypress tree saplings in controlled conditions to restore City Park after Hurricane Katrina.
- Used tree protectors to provide future research data regarding preservation effectiveness.

VOLUNTEER

Patrick Taylor In-School Tutor

- Tutored middle and high school students in mathematics and sciences after school from August 2012 to May 2014

Lake Pontchartrain Beach Sweep

- Cleaned areas around Pontchartrain Basin and recorded information about debris in September 2011, 2012, and 2013.

Awareness Walk

- Managed donations, set up tents, delivered materials to staff, and provided beverages to participants.
- Susan G. Komen Race (Oct 2012), Buddy Walk (Oct 2012), and NO/AIDS Walk (Sept 2012 & 2013).

Save-An-Angel

- Sorted, packaged, and sold beads to raise money for canine lymphoma research in June, July, and December 2012.

SKILLS

Microsoft Office	Java & Python	Adobe Dreamweaver
Autodesk Inventor & Rhinoceros 3D	C, C#, & C++	iMovie
Google Analytics	HTML & CSS	Macromedia Flash
Amateur metal and woodwork	LaTeX & R	Audacity
Basic Vietnamese, Spanish, & Japanese	Mathematica & MatLab	Paint Tool SAI