

Xige Michael Chen

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SUMMARY

Student at the University of Texas at Austin, pursuing a degree in Computer Engineering. Experienced in a variety of languages, platforms, and embedded systems. Skilled at team base work and remote development.

EDUCATION

University of Texas at Austin, Cockrell School of Engineering,

Pursuing Bachelor of Science in Electrical and Computer Engineering with Integrated Masters

Expected 2022

Concentrated in Computer Architecture and Embedded Systems and Software Engineering and Design

Current enrollment in: *Computer Architecture, Software Design and Implementation II, Linear Systems and Signals*

Overall GPA 3.85

Major GPA 3.94

RELEVANT COURSEWORK

Currently Taken: Operating Systems, Algorithms, Software Engineering and Design Lab

Previously Taken: Computer Architecture, Software Design and Implementation I and II, Embedded Systems, Linear Systems and Signals

EXPERIENCE

Software Intern for AAK-Telescience (Remote Work)

June 2020 – August 2020

Developed both Frontend and Backend, Website through *JS, HTML, CSS and Database using SQL and Python*

- User Authentication, Email Registration
- Creating Projects and linked researchers, projects, and funders through SQL database

Developed desktop application using *NodeJS* and *ElectronJS*, designed for Windows, MacOS, and Linux

TECHNICAL TOOLS

C/C++, Java, Python, JavaScript, Docker, Flask, HTML, CSS, Git, Bash, Assembly, Embedded Systems

Microsoft Office Specialist (MOS) certification (*Word, PowerPoint, Excel, Access*)

LEADERSHIP EXPERIENCE

- Active Member, Institute of Electrical and Electronic Engineers (IEEE), 2019 - Present
- Coordinator, Texas Society of Professional Engineers (TSPE) Preston Trail Chapter, February 2017 - February 2019
- North Texas Chinese Engineers and Architects Association (NTCEAA) — Member Leader, January 2015 – Present
- Longhorn Racing, BPS Team — Member, January 2020 – May 2020
The BPS team designed hardware and software for the charging and discharging of the battery

HONORS/AWARDS

- American Invitational Mathematics Examination (AIME), 2016
- Mathematical Association of American (MAA) American Mathematics Contest (AMC) 10