

Arthur Chen

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EDUCATION

Texas A&M University, College Station, Texas
May 2022
Bachelor of Science in Computer Engineering
Major GPA: 3.949 Overall GPA: 3.379

WORK EXPERIENCE

AMIS, MaiCoin May 2020-Aug 2020
Intern Engineer

- Implemented a polynomial calculator for encryption and decryption which uses FFT for fast multiplication and newton iteration for fast division

Department of Engineering, Texas A&M University Jan 2020-May 2020
Teaching Assistance

- Instructed 48 Physics E&M students on proper lab protocols
- Advised students on physics concepts and constructing quality report during office hour

SKILLS

Technical skills:

- Proficient in C, C++ and Golang
- Familiar with Python and MATLAB
- Web development experience with HTML and CSS
- Fundamental Circuit theory
- Circuit simulation with Verilog and Multisim
- Data structure and Algorithm
- Computer system and networking programming
- Electronics: linear networking analysis & operational amplifiers

Soft skills:

- Trustworthiness
- Communication
- Open-mindedness
- Cultural intelligence

General:

- Proficient in Word, Access, Excel, Google Drive, Visual Studio Code, and GitHub
- Fluent in Chinese and beginner-level in Japanese

PROJECTS

Sketch Recognition Lab, Texas A&M University Jan 2020-May 2020
Research Student

- Analyzed shared bike data across campus to improve parking management and user experience

Aggie Coding Club, Texas A&M University Aug 2019-Dec 2019
Project Manager

- Initiated a learning-oriented Web Dev project
- Guided beginners to explore Web Dev skills in HTML, CSS, and Java Script
- Evaluated status of participants to enhance their learning by providing individualized training
- Constructed an efficient Web Dev team within the space of a semester

VOLUNTEER EXPERIENCE

Disability Resources, Texas A&M University

Aug 2019-Dec 2019

Peer Notetaking Volunteer

- Assisted disabled students by transcribing written notes into digital notes for sharing

HONORS

Dean's Honor Roll, College of Engineering

Fall 2019

3rd place in Mathematical Olympiad Competition, Texas A&M University

Oct 2018