Andrew Chan

About

Hello! I'm Andrew Chan.

You're looking at a document written in a .md file that doubles as a .pdf CV and a .html/.css webpage.

Either format you are viewing this, welcome!

I am currently working on a Bachelor of Science degree in Computer Science at Virginia Tech.

Currently, I plan to work in the field of Cybersecurity or software development and am looking for opportunities to gain early experience.

More relevant information about me can be found below.

Contact/Info

- Email: andrewclchan211@vt.edu
- Phone: (540) 994–7970
- Linkedin: https://linkedin.com/in/aclc
- Github: https://github.com/Matsumotorise
- Website: https://matsumotorise.github.io/MD-CV/

Education

- Virginia Tech
  - GPA: 3.76
  - Pursuing B.S. in Computer Science
    - Expected graduation 2022

Languages

Machine

- Java, C/C++, Python, RobotC, TIBasic, and MATLAB

Human

- Fluent and native in Chinese as spoken in household.
- Fluent in English after attending public school K-12.
- Intermediate in Japanese after self-studying and attending Virginia Governor's School Japanese Academy 16'.

Code/Projects

- **MD-CV** Synced resume using PanDoc, CSS, and Markdown. PanDoc converts .md syntax into .pdf and .html. CSS styles the generated website.
- **movingCharacter** A tile game using Java's JFrame. Animations, On-Player camera, Sprinting, and basic collision detection are implemented.
- **Dreambot-Scripts** & **Runemate-Scripts** Bots for Oldschool Runescape with basic anti-ban support.

Usual Workflow

- I am running Arch Linux with LXDE/Openbox with tiling script keybinds and Tilda as my terminal emulator.
- For development, I use Webstorm, CLion, InteliJ, and PyCharm in my programming. These JetBrains products support Vim-emulation, Git integration, and other plugins that keeps the development environment comfortable while retaining IDE generation.

Work and volunteer experience

- **Undergraduate Reserach Assistant 19-**
  - Worked with dynamixel servos to model mechanical data of rotary movement.
- **Pulaski Grow Volunteer 17-18'**
  - Planted towers, cut waterbed roots, unclogged water limes, washed produce, and constructed/fortified plant beds for a local, non-profit aquaponics organization
- **Pulaski Town Engineering Office Internship 16-17'**
  - Retrieved and entered data for the town's coordinate system of various public structures (stoplights, manholes, stoplights, etc.)

Extracurriculars

- Cyber Security club 18-
  - Learned the basics of hacking alongside CTF challenges.
- Maker Club 18-
  - Wired and coded an Arduino to control 3 servos and a brushless DC motor with Bluetooth decoding.
- **Robotics club 17-18'**
  - Developed frameworks for autonomous and manual controls for VEX robotics competitions for my high school's robotics team.

Leadership positions

- **Math MACC Captain 17-18'**
  - Led team to 4th out of 9th place in the 2017-2018 school year.
- **Foreign Language Club president 17-18'**
  - Coordinated club activities to advance multilingualism of members.

Awards/Honors

- **A. James & Alice B. Clark Engineering Scholarship**
  - Full scholarship (room, tuition, and fees) awarded for academic pursuit.
- **Virginia Foreign Language Certificates of Commendation**
  - Completion of Intermediate Japanese in Virginia's Japanese Foreign Language Immersion Academy