Geunyoung (Tony) Choi (U.S. Permanent Resident)

Email: Tchoi52@gmail.com   **Phone:** 706-668-7152   **Websites:** TonewallGT.com |
Github.com/Tonewall

Education

Georgia Institute of Technology | *Atlanta, Georgia*   **June 2017-Present**
- **Degree:** Bachelor of Science in Computer Science (Expected: May 2021)
  - **Concentrations:** Systems and Architectures, Information Internetworks
- **Coursework:** Intro to Computing, Intro to Object Oriented Programming, Data Structure & Algorithms, Computer Organization & Program, Objects and Design, Systems and Networks, Digital Design, Design-Operating Systems, Intro to Info Security, Intro to Database Systems
- **Awards:** Zell Miller Scholarship and Hatton Lovejoy Scholarship recipient

Skills

Computing
- **Languages:** Java, Python, JavaScript, C, VPython, HTML5, CSS3
- **Frameworks/Tools:** React JS, Vue.js, Bootstrap, JQuery, Vuetify, Django, MongoDB

Software Tools
- Visual Studio Code, IntelliJ IDEA, Sublime Text 3, PyCharm, IDLE, Android Studio, Microsoft Excel, AutoCAD, iMovie, Adobe Premiere Pro CS6, Adobe Photoshop, and Inventor

Professional Experience

Web Developer | *Georgia Tech Police Department*   **March 2019-Present**
- Designing and developing *FlyRight* and *Video Management System* websites for Georgia Tech Police Department part-time during the school semesters and full-time for the Summer of 2019.
- **Front-End:** JavaScript, HTML5, and CSS3 on Visual Studio Code with React and Vue Frameworks
- **Back-End:** Python on PyCharm along with Django framework

Websites
- **FlyRight** website allows users to register flights for their Unmanned Aircraft Systems on the Georgia Tech's Campus while the server notifies the dispatch of the upcoming flights.
- **Video Management System** website allows the police department to check all 2000+ campus security cameras regularly for quality assurance.

Extracurricular Activities

Projects
- Currently working on writing a chess engine in Java on IntelliJ IDEA in order to build an automated physical chess board which will be powered by a Raspberry Pi.
- A personal website written entirely in HTML5, CSS3, and JavaScript on Visual Studio Code.
  - **Link**: TonewallGT.com
- An Android application written in Java on Android Studio for nonprofit organizations which allows users to find nearby places to either donate items or buy items from and admin to manage inventories/stores.
- Game Boy version of a helicopter game written in C with GBA emulator on Linux.

Club
- **Design/Build/Fly**   **January 2019-Present**
  - Build model aircraft capable of completing specific tasks and requirements and participate in various international competitions.
  - **Awards:** 1st Place Advanced Class SAE Aero-Design East Competition (2019)