

Vinh Tran

vinh_tran@gatech.edu | 404-747-7044 | Lawrenceville, GA
Github: daivinhtran | LinkedIn: vinhtran40 | US Citizen

EDUCATION

Georgia Institute of Technology

BS in Computer Science – Dec 2018 (Expected)
GPA: 4.0/4.0

Georgia Southern University

Engineering Transfer Program – May 2014
GPA: 4.0/4.0

EXPERIENCE

Macy's System and Technology - Infrastructure team

Software Development Intern

Johns Creek, GA
May 2016 – Dec 2016

- Gathered real-time metrics and implemented real-time health of internal software systems to improve visibility and to allow support team to quickly identify issues
- Built a notification service that supports creating, signaling, and subscribing to internal applications' health score
- Migrated an e-commerce dashboard from PHP MVC framework to Angular2
- Streamlined deployment process by developing continuous integration tools

Software Engineered Products, Inc.

Co-op Engineer

Lawrenceville, GA
Jan 2015 – Dec 2015

- Provided assistance with electrical panel checkout and troubleshooting
- Developed and deployed a small-scale Human-Machine Interface independently using Intouch
- Drafted electrical schematics in AutoCAD with tools such as Multibatch and Hurricane Script

Georgia Southern University

Math Tutor

Statesboro, GA
Jan 2014 – May 2014

- Helped students prepare for their homework and exams in College Algebra, Trigonometry, Calculus, and Physics
- Worked effectively with other tutors to provide the best tutoring services for students

SKILLS

Programming: Java, Python, Javascript, Typescript, PHP, SQL, HTML, Git, Linux
Technologies: Angular2, LAMP stack, OpenCV
Concepts: Algorithms, Data Structures, Problem Solving, Web Development

PROJECTS

MagicHand – HackGSU Winner – Organizer's Choice (Python, OpenCV, KNN Algorithm)

- MagicHand helps enhance communication within the community by translating sign language to American voice
- The application was implemented using computer vision to capture hand's images and machine learning to train different images for different words
- <https://devpost.com/software/magichand>

Train Reservation System (LAMP stack)

- Focused on designing, implementing a train reservation system with a team of 4
- Was responsible for implementing the database and developed both of the front-end and the back-end for various features such as reserve/cancel tickets, revenue report, and update customer information
- <https://github.com/daivinhtran/TrainReservation>