

Andrew Wang

☎ (678)-287-6137 | ✉ awang350@gatech.edu | 📧 awang378 | 🌐 awang378 | 🇺🇸 US Citizen

Education

Georgia Institute of Technology

Atlanta, GA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, GPA: 3.58/4.0

Expected December 2021

- Concentrations: Intelligence & Information Internetworks
- Related coursework: Object-Oriented Programming, Data Structures & Algorithms, Objects & Design, Databases, Data & Visual Analytics, Artificial Intelligence, Computer Organization, Systems & Networks, Algorithm Design, Discrete Math, Applied Combinatorics, Statistics, Multivariable Calculus, Linear Algebra

Experience

ESTadium-IoPT Vertically Integrated Project

Atlanta, GA

STUDENT DEVELOPER

January 2019 - Present

- Part of a VIP team of undergraduate students working to create an *Internet of People and Things* within Bobby Dodd stadium to enhance game day experiences for fans.
- Designing and implementing the backend APIs and databases for the team's mobile app, *Fanplay* using Laravel (PHP framework), MAMP stack (macOS, Apache, MySQL, PHP), and Postman.
- Working on a RESTful API, where I created migrations and models that linked our database tables, and controllers, routes, and resources to test HTTP get/post requests and retrieve data for frontend use.

Georgia Tech School of Interactive Computing

Atlanta, GA

UNDERGRADUATE STUDENT RESEARCHER

May 2019 - August 2019

- Worked under Dr. John Stasko to study common practices and techniques used in information visualization and to explore new emerging data visualization technologies.
- Created data visualizations by analyzing existing data visualizations, understanding and filtering datasets, designing the overall view, and implementing them through code.
- Used technologies such as Altair and VegaLite to produce in-depth visualizations.

Skills

Languages

Proficient: Java, Python | *Familiar:* SQL, HTML, CSS, JavaScript, PHP, C

Tools and Practices

Jetbrains IDE, Git, Unix, MySQL, Postman, Jupyter, Agile/Scrum, \LaTeX

Frameworks/Libraries

Laravel, D3.js, SciPy, VegaLite, Hadoop

Projects

Personal Portfolio Website

awang378.github.io

TOOLS USED: HTML, CSS, JAVASCRIPT, BOOTSTRAP

- Built a website to display future personal projects and interests, create a digital footprint, and introduce me to web development.

Cancer Bioinformatics

TOOLS USED: PYTHON, PANDAS, MATPLOTLIB, NUMPY

- Won Data Science at GT's Hacklytics 2019 "Best Overall Hack" award for analyzing the correlations and relationships of factors influencing cancer via cleaning and data visualization practices.