

Andrew Wang

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Education

Georgia Institute of Technology

Atlanta, GA

BACHELOR OF SCIENCE IN COMPUTER SCIENCE, GPA: 3.49/4.0

Expected December 2021

- Concentrations: Intelligence/Information Internetworks
- Related coursework: Object-Oriented Programming, Data Structures and Algorithms, Objects and Design, Databases, Intro to AI, Computer Organization, Design and Analysis of Algorithms, Applied Combinatorics, Statistics, Discrete Mathematics

Experience

ESTadium-IoPT Vertically Integrated Project

Atlanta, GA

STUDENT DEVELOPER

January 2019 - Present

- Part of a VIP team working to create an *Internet of People and Things* within Bobby Dodd stadium to enhance game day experiences for fans.
- On the Backend Development team, designing the backend APIs and databases for the team's mobile app, *Fanplay* with Laravel (PHP framework), MAMP stack (macOS, Apache, MySQL, PHP), and Postman.
- Working on mini-games RESTful API, where I created migrations and models that linked our database tables, and controllers, routes, and resources to send 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 Java, Python (Proficient), HTML, CSS, JavaScript, C, SQL, PHP (Familiar)

Tools and Practices JetBrains IDE, Git, MySQL, Microsoft Office, G Suite, Agile/Scrum, LaTeX

Frameworks Laravel, VegaLite, Pandas, NumPy

Projects

Personal Portfolio Website

TOOLS USED: HTML, CSS, JAVASCRIPT, BOOTSTRAP

- Currently working on 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.