

Jinghong Peng

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Education

Georgia Tech

Bachelor of Science, Computer Engineering & Computer Science(Minor)
GPA: 3.77/4.0

Atlanta, GA

May 2022 – May 2022

Emory University

Bachelor of Arts, Joint Major Mathematics & Economics
GPA: 3.8/4.0

Atlanta, GA

Aug 2017 – May 2020

Skills

Programming: Java, Python, JavaScript, C++

Platforms: Linux, AWS

Software: Unity, Altera Quartus II, GitHub, PyTorch

Languages: Chinese (native), English (native), German (beginner)

Work Experience

MiPro, Inc

Backend-End Mobile Developer iOS/Android

Atlanta, GA

July 2021 – Present

- Use **JavaScript React** to develop a social media platform that supports underserved athletes and coaches
- Integrate **Stripe API** into the mobile app and manage transaction databases
- Integrate Real-time chat features into the mobile app

Kiwi

Co-founder & Software Developer

Atlanta, GA

Dec 2020 – Present

- Build a Smart Fashion Shopping Assistant that automatically compare prices and collect reviews for fashion products
- Use **Javascript, React** to develop the front end of Kiwi browser extension
- Web scrape over 15 websites and 10000+ items and manage an **AWS database**
- Use **computer vision** and **machine learning** to build an entity matching algorithm with 80%+ accuracy

Georgia Tech – PopSign App

Software Developer

Atlanta, GA

Dec 2020 – Present

- A mobile game to teach hearing parents of deaf children vocabularies of the American Sign Language
- Use **Unity** to develop a mobile iOS/Android game
- Use **C#** to implement new game functions and debugging

NTT DATA

Software Development Intern

Shanghai, China

Dec 2017 – Jan 2018

- Worked on-site at one of NTT DATA's client company
- Used **Java** and **Javascript** to develop a medicine distribution management software
- Consulted with customers about software system design and maintenance
- Completed the Workplace Safety Training and learn how to protect sensitive company information

Research

Autonomous and Connected Transportation Lab

Autonomous Driving Research

Atlanta, GA

July 2020 – Dec 2020

- Used Machine Learning model to predict the speed of cars from dash cam video
- Pre-processed dataset to achieve more robust and more accurate training results
- Used Machine Learning techniques like **Convolutional Neural Network** to develop a model
- Tested models and conducted hyper-parameter tuning

Relevant Coursework

- **Data Structures and Algorithms:** Implement common data structures, code searching/sorting algorithms, evaluate using Big-O
- **Machine Learning:** Unsupervised and supervised data analysis, semester-long project in a group of 5 students
- **Computer Vision:** image formation, camera imaging geometry, feature detection and matching
- **AWS Cloud Computing:** EC2, S3, DynamoDB, AWS CloudWatch, AWS Lambda, REST, Hadoop, Spark and other cloud services

Leadership & Community Involvement

GTSF Investments Committee

Analyst in Media & Telecom sector

Atlanta, GA

Sept 2020 – Present

- Help manage a portfolio of \$1.7 Million Student-Managed Philanthropic Endowment for Georgia Tech
- Focus on investments in the Media & Telecom sector