Jinghong Peng

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EDUCATION

Georgia Tech   **Atlanta, GA**
Bachelor of Science, Computer Engineering & Computer Science(Minor)   May,2022
GPA: 3.75/4.0

Emory University   **Atlanta, GA**
Bachelor of Arts, Joint Major Mathematics & Economics   May,2020
GPA: 3.8/4.0

Skills

Programming: Java, Python, C, C++
Platforms: Linux, AWS
Hardware: ARM mbed microcontroller, LaunchPad, FPGAs, oscilloscope, logic analyzer
Software: Unity, Altera Quartus II, GitHub, PyTorch
Professional Organizations: Georgia Tech Student Foundation Investment Committee
Communication: Design proposals, technical reports, instruction manuals, presentations (large and small audiences)
Languages: Chinese (native), English (native), German (begineer)

WORK EXPERIENCE

Kiwi *(www.kiwivalue.com)*   **Atlanta, GA**
Co-founder & Software Developer   December2020 – Present
- Smart Fashion Shopping Assistant that you can install on your browser
- Currently in Georgia Tech Create-X incubator program
- Use Javascript, React to develop the front end of Kiwi
- Web scrape over 15 website and 10000+ items and manage an Azure database
- Use computer vision and machine learning to build an entity matching algorithm with 80%+ accuracy

Georgia Tech - PopSign App   **Atlanta, GA**
Software Developer   *December2020* – Present
- Use Unity to develop a mobile iOS/Android game
- A mobile game to teach hearing parents of deaf children vocabulary of American Sign Language
- Using C# to implement new game functions and debugging

NTT DATA   **Shanghai, China**
Software Development Intern   *December2017 – January2018*
- Worked on-site at one of NTT DATA's client company, Merck
- Use Java and Javascript to develop medicine distribution management software
- Went over and revised the Software Development Life Cycle documents
- Consulted with customers about software system design and maintenance
- Completed the Merck Workplace Safety Training, learned how to protect sensitive company information

Forge Equity Partners, LLC   **Atlanta, GA**
Private Equity Analyst   May2019 – August2019
- Searched to acquire a $10-$50 million enterprise value business with $2-$7 million in cash flow in the healthcare and B2B Services sectors
- Analyzed 4 inbound broker CIMs (confidential investment memoranda) with total EBITDA of $6 million
- Presented PEO industry and Risk Management industry overviews and analyses to the management team
- Identified and compiled 300+ target companies, and reached out to business owners
- Arranged 30+ meetings and calls between the Forge Partners and promising brokers

Deloitte   **Shanghai, China**
Summer Audit & Assurance Intern   *July2018 – July2018*
- Worked on-site at a public Education Company; assessed the financial documents and internal controls of Four Seasons Education
- Synthesized extensive data sets using Excel;collaborated with an engagement team and in checking trial balances, verifying data on client's FY19Q1 report with the bank statements, and vouching
- Executed the Internal Control Test of Treasury Cycle by communicating with client's treasury department and documented evidence on Deloitte auditing software
- Tested the journal entries based on the guidance of 'journal entry test' which mainly correspond to the risk of management override and fraud
- Followed up with the audit results by communicating with the clients and attaching the supporting documentations

Research

Autonomous and Connected Transportation Lab   **Atlanta, GA**
Autonomous Driving Research   July2020 – December2020

- Use Machine Learning model to predict the speed of cars from dash cam video
- Pre-process dataset to achieve more robust and more accurate training result
- Use Machine Learning techniques like Convolutional Neutral Network to develop a model
- Test model and conduct 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
- **Computer Vision:** image formation, camera imaging geometry, feature detection and matching, stereo, motion estimation and tracking, image classification and scene understanding
- **AWS Cloud Computing:** EC2, S3, DynamoDB, AWS CloudWatch. AWS Lambda, REST, Hadoop, Spark and other cloud services
- **Computer Architecture**: Pipelining, memory systems, concurrency, process management, I/O architectures, energy dissipation

LEADERSHIP & COMMUNITY INVOLVEMENT

GTSF Investments Committee   **Atlanta, GA**
Analyst in Media & Telecom sector   *September2020-Present*
- Help manage a portfolio of $1.7 Million Student-Managed Philanthropic Endowment
- Focusing on investment in Media & Telecom sector

Atlanta Global China Summit Committee   **Atlanta, GA**
Vice President & Development Chair   September2018 – Present
- Collaborated with the Carter Center to hold the first US-China Summit in South-East region with target audiences of 500+ people
- Hosted 6 innovative panels – Technology, Investment, Entrepreneurship, Government, and Healthcare, with a total of 25+ guest speakers