Yutong Li

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EDUCATION

University of Pennsylvania   Sep 2020 - Jun 2022
Master of Computer and Information Technology   Philadelphia, PA
GPA: 3.91/4.00
Coursework: Data Structures and Software Design, Computer Systems Programming, Algorithms
& Computation, Discrete Mathematics, Blockchain and Cryptography

Columbia University in the City of New York   May 2018 - Jun 2019
MS Advanced Architectural Design   New York, NY
Projects: Algorithmic Design of Skyscrapers - built generative algorithms in Grasshopper that create thousands of diverse designs for urban form and functions that use simulation, geospatial data and geometry information to evaluate design options.

Tianjin University   Sep 2013 - May 2018
Bachelor of Architecture   Tianjin, China

PROJECT EXPERIENCE

COVID19 US information Inquiry website(https://covid-update-project.herokuapp.com/)   Sep 2021
- Utilized MongoDB to manage latest COVID related information
- Implemented Flask to retrieve data and Python to analyze the data obtained.
- Employed front-end technology React to display COVID related information
- Team Project in group of 4

Philadelphia Parking Data Analysis   Apr 2021
- Designed and implemented three-tier architecture in Java to parse and analyze parking violation data from OpenDataPhilly
- Team Project in group of 2 for Data Structures and Software Design

Exchange Server of Etherum and Algorand   Aug 2021
- Built a cryptocurrency trading platform for Algorand and Ethereum coins in Python/Flask
- Matched orders from buy-sell order books to generate trades
- Individual Project for Blockchain and Cryptography

SKILLS

- **Technical:** Java, Python, SQL, C, JavaScript, React, Node.js,
- **Software:** Rhino 6, Grasshopper, Autodesk Revit, AutoCAD, UE4, Vray, Adobe Creative Suite

PROFESSIONAL EXPERIENCE

Scalar Architecture - Architectural Designer   Aug 2020 - Present
Built 3D models in Autodesk Revit and McNeel Rhino 6 of residential project; created rendering images in Vray and Enscape; drafted drawings in AutoCAD; facilitated design with python algorithms in Grasshopper.   New York City, NY

Atema Architecture - Architectural Designer   Sep 2019 - Mar 2020
Developed 2D drawings and 3D models of townhouses and workspace design; drew concept images with Adobe Creative Suite.   New York City, NY