Jun Chen

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Education

B.S., Computer Science, Georgia Institute of Technology ● (*Atlanta, GA*)   August 2017 – May 2021

- Specialization: System Architecture, Devices, Intelligence

Experience

Federal Reserve Bank of Atlanta – Software Engineer Intern ● (*Atlanta, GA*)   May 2019 – August 2019

- Worked on the Proof of Concepts Team on Machine Learning and Artificial Intelligence
- Implemented three chatbots with Microsoft Bot Framework and Webchat with React, ASP .NET, Microsoft QnA Maker, Microsoft LUIS, and Azure Search to improve bank examination search, FAQ's about the Federal Reserve Bank of Atlanta, and people search
- Created a new implementation of enhanced customizable bank examination search with Azure Search for faster search time
- Developed an audio conversion and speech-to-text transcription with sentiment analysis, key phrases, entities extraction for improvement of accessibility solutions throughout the bank

Georgia Tech Center for Inclusive Design and Innovation – Technical Assistant II ● (*Atlanta, GA*)   August 2017 – December 2017

- Transcribed and quality-controlled media files with Microsoft Word and C Print for Accessibility of Education on campus
- Utilized Express Scribe for transcription

VistaRay USA – Intern ● (*Atlanta, GA*)   June 2017 – August 2017

- Created word templates for eviction and homeowner's association non-compliance letters
- Implemented new organization methods for property management leases
- Created promotional videos and fliers with Microsoft PowerPoint and Word
- Update home listings and manage rent collection with FMLS and Buildium

Leadership

Digital Design Laboratory – Teaching Assistant   May 2019 – Present

- Assist and check off 20+ students weekly on their laboratory assignments
- Help students debug their combinational logic circuits, sequential circuit elements, and programmable logic arrays in Altera Quartus, Protoboards, Logic Analyzers, and Oscilloscopes

Projects

Nonprofit Donation Tracker: BuzzTracker   August 2018 – December 2018

- Worked on a five to implement a donation and distribution tracking application for possible use by a non-profit organization
- Utilized MySQL and Android

Shopfly: HackGSU (*Best Use of Authorize.Net*)   October 2019

- A shopping with an image application
- Utilized NCR's API to check a sample inventory for items' prices by item code
- Implemented payment system for credit cards with Authorize.NeT and used Clarifai for image recognition

Aresturant: CUHackit   February 2019

- Used image recognition and text-to-speech with AWS Rekognition, AWS Polly on food item
- Utilized the Nutritionix API to inform people on nutrition facts

Skills & Interests

Programming & Web Development

- Java, JavaScript, Python, C, C#, HTML, CSS, Node.js, Express.js, Bootstrap, MongoDB, ASP.NET Core, Microsoft Azure

Software

- Adobe After Effects, Buildium

Interests

- Machine Learning and Artificial Intelligence, Full Stack Web Application, Autonomous Robotics

Language

- English (native), Hokkien/Fujian Hua (conversational), Mandarin (conversational)

More information can be found on junchen.me.