

JOHNNY JIANG

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Education

The Pennsylvania State University

Bachelor of Science in Computer Science, GPA: 3.6/4.0

August 2018 - May 2022

University Park, PA

Experience

Siemens Digital Industries Software

Software Engineer Intern

May 2021 - August 2021

Cincinnati, OH

- Enhanced cross-team communication by utilizing TensorFlow to achieve 83% accuracy in classifying sentences
- Conducted over 100 tests to evaluate OpenAI API for textual pattern recognition and generation capabilities
- Leveraged Python and k-means clustering to analyze 2D data points, identifying common characteristics

An Kang Social Day Care

Computer Technician

June 2022 - Present

Brooklyn, NY

- Resolved an average of 15 software and application issues daily, providing support to a user base of 400
- Decreased average customer wait time by 15 minutes by implementing a ticket system for help requests
- Streamlined the bookkeeping system by 7.5 hours biweekly by applying intricate formulaic spreadsheets

Developer Student Club

Technical Lead

August 2020 - May 2022

University Park, PA

- Led a team of 5 in organizing biweekly workshops to educate 30 members about GCP products
- Provided mentorship to 8 first-year students per semester by offering guidance for technical projects

Projects

Reward Allocator | *Python, GraphQL, Pandas, Requests, Git, Docker*

- Developed a Python script to construct reward assignments, resulting in 30-minute weekly time savings
- Utilized web scraping and GraphQL to extract online data, processing it into 350 nested key-value pairs

Point of Sale System | *Java, Swing, PostgreSQL, MiGLayout*

- Created a full-stack Java Swing GUI for self-service ordering, increasing host availability to assist clients
- Deployed PostgreSQL as the back-end database, handling over 6,000 unique paths for menu item queries

Birthday Converter | *SwiftUI, Core Data, Kingfisher, Git*

- Created a SwiftUI mobile app to save, notify, and convert Lunar birthdays to the Gregorian calendar
- Utilized Core Data for data persistence and Google Calendar API to export birthdays with converted dates

Venue Website | *HTML/CSS, Javascript, Bootstrap, Twilio, Git*

- Designed a responsive Bootstrap website to showcase services offered, attracting 1,600 monthly visitors
- Achieved 86% reduction in phone inquiries by automating responses using Apps Script and Twilio API

Skills

- **Programming Languages:** Python, Java, SQL (Postgres), Swift, HTML/CSS, Javascript
- **Frameworks/Libraries:** Django, React, Bootstrap, TensorFlow, Pandas, Scikit-Learn, Swing
- **Developer Tools:** Git, Docker, Linux, Google Cloud Platform, VS Code, XCode, Apps Script