

JOHNNY JIANG

(347) 497-0849 | johnnyj2608@gmail.com | Brooklyn, NY |
johnnyjiang.com | linkedin.com/in/johnnyj2608 | github.com/johnnyj2608

EDUCATION

The Pennsylvania State University

August 2018 - May 2022

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

University Park, PA

Relevant Coursework: Data Structures & Algorithms, Object-Oriented Programming, Database Systems, Systems Programming, Operating Systems, Machine Learning, Software Design Methods, Theory of Computation

EXPERIENCE

Siemens Digital Industries Software

May 2021 - August 2021

Software Engineer Intern

Cincinnati, OH

- Improved 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
- Applied Python and k-means clustering to analyze 2D data points, identifying common characteristics

An Kang Social Day Care

June 2022 - Present

Computer Technician

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

August 2020 - May 2022

Technical Lead

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

Birthday Converter | SwiftUI, Core Data, CocoaPods, Git

- Developed a SwiftUI iOS app to convert Lunar-based birthdays to the Gregorian calendar equivalent
- Utilized Core Data for data persistence to modify profiles and push notifications of upcoming birthdays
- Implemented Google OAuth to retrieve user data and export recurring events to Google Calendar

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
- Improved panel complexity by 93% by refactoring the codebase from a GUI builder to MigLayout

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