JOHNNY JIANG

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EDUCATION

The Pennsylvania State University   **August 2018 - May 2022**
Bachelor of Science in Computer Science, GPA: 3.6/4.0   *State College, PA*

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

EXPERIENCE

An Kang Social Day Care   **June 2022 - Present**
Computer Technician   *New York, NY*
- Proactively innovated the timesheet creation and calculation process by deploying intricate formulaic spreadsheets, thereby eliminating human error and saving approximately 40 hours of manual effort a month
- Troubleshooting an average of 15 software and application issues daily, providing support to a user base of 450
- Decreased average customer wait time by 10 minutes by implementing a ticket system for help requests

Developer Student Club   **August 2020 - May 2022**
Technical Lead   *State College, PA*
- Led a team of 5 in organizing workshops to educate 30 members about GCP products biweekly
- Provided mentorship to 8 first-year students per semester by offering guidance for technical projects

Siemens   **May 2021 - August 2021**
Software Engineer Intern   *Cincinnati, OH*
- Improved cross-team communication by utilizing TensorFlow to classify synonymous sentences
- Applied Python and k-means clustering to analyze 2D data points, identifying common characteristics

PROJECTS

Lunar Birthday Reminder | *SwiftUI, Core Data, WidgetKit, CocoaPods, Git*
- Published 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*
- Developed 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, Swift, SQL, 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