Yun Chen

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EDUCATION

Rutgers University, The State University of New Jersey   **May 2022**
Bachelor's in Electrical and Computer Engineering, Minor in Computer Science   *New Brunswick, NJ*
- 3.2/4.0 GPA
- General Member of the Institute of Electrical and Electronics Engineers

WORK EXPERIENCE

Cognizant   **Jun. 2021 – Jul. 2021**
Full Stack Engineering Intern   *Dallas, Texas*
- Configured Jenkins pipeline for continuous integration of feature rollouts, and ensuring version control
- Improved run time performance by resolving critical bugs, refactoring legacy code, and ensuring a code coverage of minimum 85%
- Developed an Angular frontend for an auction website that displays on-going auctions with a live countdown to auction end time
- Created microservices to handle CRUD operations for custom auction system logic using Spring JPA with an H2 database
- Ensured applications database security through secure API gateways
- Collaborated with a team in an Agile SCRUM environment to deliver consistent functionality and adapted to changing requirements

Department of Chemistry and Chemical Biology   **Sep. 2018 – May 2020**
Computer Support Technician   *Piscataway, NJ*
- Troubleshooted software and hardware problems for a department of 300+; performed hardware and software installations; upgrading and configuring computers; and establishing network connectivity

PERSONAL PROJECTS

Movie Theater Automation Web Application
- Built a Reactjs web app, with Material UI design, for movie theaters to maintain movie listings, provide in advance food ordering, and ticket purchasing.
  - Implemented analytics with MongoDB for which foods/movies are most profitable through dashboard that analyzes recent data and compares purchase trends
  - Pulls movie assets from the Movie Database (TMDb) for movie posters, ratings, and release dates to be displayed using React Hooks
  - Integrated Stripe API for payment processing and to ensure user payment information stays secure
- Built with autonomy in mind and safe social distancing for theaters during covid 19.
  - Created QR scanning system implementing react-qr-reader library to limit human interaction

Personal Website
- Deployed a static website with Jekyll engine hosted on GitHub pages with a custom domain

SKILLS & INTERESTS

- **Proficient in:** Java, C++, JavaScript/Typescript, HTML/XML, CSS
- **Frameworks/libraries/tools:** ReactJS, AngularJS, Sonar, Jenkins, Spring