# JEFF YANG

Evanston, IL 60201, United States

## EDUCATION

**Northwestern University**                                                                                     **09/2015 - 03/2022**
                                                                                                                                    Evanston, IL

Major**:** B.A in **Computer Science**
GPA**: 3.90/4.00**
Programming Coursework**:** Design & Analysis of Algorithms, Computer Networking, Programming Languages, Operating Systems

## SKILLS

*(proficient)* Python (Django, Flask), TypeScript, JavaScript (React, React-Native, Angular, Ember.js), Hacklang/PHP, HTML/CSS
*(familiar)* SQL, C++

## WORK EXPERIENCE

**Meta (Facebook)**                                                                                              **06/2021 - 09/2021**
*Software Engineer, Intern*                                                                          Menlo Park, CA (Remote)
- Spearheaded UI enhancement initiative to make ad creation dialog more accessible and streamlined for businesses, increasing publishing rate by 30%
- Configured answer validation system that filters lead generation campaign responses for greater quality and efficiency
- **Tools:** Mercurial, React.js, Hacklang/PHP

**Fumi**                                                                                                         **10/2020 - 01/2021**
*Software Engineer, Intern*                                                                              Seoul, South Korea
- Designed and built video commerce project utilizing Angular.js and Youtube API, growing purchase conversions by 300%
- Leveraged Chrome DevTools to identify performance bottlenecks, implemented server-side file compression and lazy-loading to increase loading speed by 500%
- Incorporated back-office application to streamline business operations, such as inventory management and delivery tracking
- Authored GraphQL server resolvers utilizing Sequelize ORM
- **Tools**: Git, Scrum, TypeScript, Angular 9, Ionic, Kendo UI, MySQL, Express, GraphQL, Sequelize, Chrome DevTools

**Esri**                                                                                                         **06/2020 - 09/2020**
*Software Engineer, Intern*                                                                            Redlands, CA (Remote)
- Designed and configured robust table widget in response to a feature request from majority of active users
- Composed research reports on the performance metrics of various JavaScript table libraries
- **Tools:** Git, Kanban, JavaScript, Ember.js, Jenkins, and debugged using Chrome DevTools/Ember Inspector

**Knowru Limited**                                                                                               **07/2019 - 08/2019**
*Software Engineer, Intern*                                                                              Seoul, South Korea
- Leveraged React.js to configure a verification system that assists loan processing companies in making informed decisions
- Authored application-embedded video call system between loan agent and applicant utilizing WebRTC
- Integrated dashboard data visualization graph, leveraging SQL and Chart.js
- **Tools:** Git, React.js, WebRTC, Django RESTful API, and debugged using Chrome Developer Tools

## SOFTWARE PROJECTS

**Personal Blog: [www.jeffyang.io](www.jeffyang.io)** (for full-range project portfolio)

**In Retrospect: [Link](Link)**
- Constructed web application that tracks potential stock investments, allowing the user to identify hypothetical gains and losses had they invested.
- Assembled Redis cache to store API responses, enabling 99% faster response time and fewer requests to the API endpoint.
- Utilized: Git, TypeScript, Firebase, Redis, React, Heroku

**Off-campus Housing Search Platform: [Link](Link)**
- Built online booking site that streamlines the off-campus housing search, overseeing production from beginning to end.
- Produced and integrated a chat application from scratch utilizing Django Channels.
- Utilized: Git, Django RESTful API, React, PostgreSQL, AWS Lambda, AWS S3, AWS CloudFront, Heroku