ANDY QIU

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TECHNICAL SKILLS

Languages: JavaScript, Python, Java, SQL, HTML, CSS

Frameworks: React, NodeJS, Express.js, Next.js, MongoDB, Falcon, Django, Agile

Tools: Git, AWS, Serverless, Cloudflare, Firebase, Heroku, DatoCMS, Jenkins, Wordpress

EXPERIENCE

Workday   Victoria, BC
Software Developer Engineer Intern   *Sept 2022 – Apr 2023*
- Refactored integration tests using Java and Selenium for improved accuracy and reliability
- Developed a FEDRAMP compliant rollout plan for endpoints, ensuring seamless production deployment and adherence to security standards
- Secured Cloudflare CDN media workers to improve reliability and simplify the cache purging process for developers
- Delivered high-quality code updates to Workday customers worldwide, successfully deploying to production
- Participated in design and planning of a new notification digest feature, aimed at enhancing communication

Royal Bank of Canada   Toronto, ON
Software Developer Intern   *Jan 2022 – Apr 2022*
- Leveraged Machine Learning and Artificial Intelligence to predict and prevent operational incidents by 30%
- Restructured project to run on a micro-service architecture and to adopt a modernized user interface using React
- Oversaw development and delivery of micro front-end infrastructure tool into production a week ahead of schedule
- Mentored a team of co-op students on developing a front-end project, version control, and by conducting code reviews

Porton Health   Vancouver, BC
Full Stack Developer Intern   *Sept 2020 – Dec 2020*
- Reduced patient-receptionist interaction by 50% by launching an online check-in application
- Developed login REST APIs allowing for single login across internal microservices using Express and MongoDB
- Overhauled the old website landing page, improving user interface and engagement using Wordpress

AssistList   Vancouver, BC
Software Developer Intern   *Jun 2019 – Aug 2019*
- Maintained a medical equipment marketplace application built on Ruby on Rails and React
- Accelerated user experience by implementing "Share" buttons to reduce time to share by 400%
- Collaborated with other developers to understand and create functional components to the web app

PROJECTS

WINNIExNAILS 🔗 – React, Express, PostgreSQL, Vercel, Heroku
Lead Developer
- Led development in building a business app driving ~100 monthly visitors to create beauty appointments
- Reduced the client's spending of $240 annually by transitioning away from subscription based services
- Implemented content management system by integrating with DatoCMS to minimize client to provider interaction
- Automated email scheduling system to confirm client bookings using Twilio's SendGrid Email API

Fresh Potatoes 🔗 – Django, HTML, CSS
Developer
- Developed an application to list movies and recommendations based of user preference
- Created login and register functionality that stores movie data from user to generate movie recommendation
- Mentored team members on how to use version control and Agile developmental process

EDUCATION

Simon Fraser University   Burnaby, BC
Candidate for B.S. in Computer Science   *Sept 2018 – Dec 2023*