WINSTON CHEN

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Education

Stony Brook University, Stony Brook, NY   Expected Graduation: June 2021
Bachelor of Arts - Double Major in Economics & Philosophy (Dean's List)
Stuyvesant High School, New York, NY   ———— June 2016

Skills

• **Technical Languages:** Javascript, Python (pandas, scikit-learn, Numpy, Matplotlib, TensorFlow), SQL, RStudio
• **Other:** Django, Express, MongoDB, React, Redux, Ubuntu, WSL, Jupyter Notebook, Postman, Unity, Blender
• **Bilingual:** Fluent in English and Mandarin Chinese; Speaking/Listening Proficiency in Cantonese and Fuzhounese

Projects

Space Apps Hackathon Challenge - Virtual Reality Apollo Mission   September 2018 – October 2018
• Winner of the 2018 NYC Space Apps Hackathon Challenge for best mission concept
• Established a vision and developed an original application with the central goal of providing an educational tool for users to learn about advanced topics in space science
• Organized project by reducing it into actionable tasks such as 3D-modeling and programming assignments
• Delegated tasks among teammates and myself in order to adequately meet project deadlines
• Designed five unique environments, each teaching an aspect of the Apollo mission with hands-on learning experiences
• Incorporated features such as virtual reality functionality, animations, and object interactions using Unity particles system, animations system, terrain system, and VRTK

Apparel Ecommerce App
• Constructed a robust backend API through the Django REST framework that provides data to frontend applications
• Implemented an interactive application UI with responsive design and dynamic display
• Utilized a Redux framework for efficient and organized state and component management
• Organized an expansive catalog of products within a postgreSQL database
• Integrated user authentication using JSON Web Tokens and user payments within Stripe payment processing

Basketball Statistics App
• Applied React-Bootstrap and component libraries for extensive feature demonstration
• Designed a complete frontend React application from scratch with CSS, HTML5, and Javascript
• Employed multiple statistical API to receive and display relevant data in stylish design layouts for end users

Experience

E&K Holdings Group   June 2019 – August 2019
Web Development Intern   *Tsuen Wan, Hong Kong*
• Collected quotations from various natural foods manufacturers across Italy, Spain, and China to perform cost-benefit analyses
• Cooperated with logistic companies to ensure orderly and efficient transport of shipments
• Liaised between sales representatives, private vendors, and storage facilities by directing the distribution of sales materials to the correct departments
• Utilized a content management system to update appropriate information, add translations, and arrange the layout of the company website