

Victor Chan

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EDUCATION

Rensselaer Polytechnic Institute, Troy, NY

Expected: May 2022

- **Major:** Computer Science **GPA:** 3.92 out of 4.0
- **Relevant Coursework:** Data Structures, Computer Science I, Multivariable Calculus & Matrix Algebra, Money & Banking, Intermediate Macroeconomics Theory

PROJECTS

Job Priority Queue

April 2019

- Created a C++ program that uses a priority queue to sort tasks by urgency and time
- The priority queue automatically reorganizes itself after a job is added or removed
- The program can be used by companies to streamline their business operations

Crossword Puzzle Solver

February 2019

- Built a C++ program that solves a grid of letters given a dictionary file and set number of words
- The board can output all the possible solutions depending on the arguments given

College Course Sorter

December 2018

- Created a C++ program for students to sort courses based on location, department, and time
- The program will give students greater convenience in selecting the course that works the best for them based on their own specific preferences

WORK

Daiwa Capital Markets America Inc., New York, NY

Summer 2019

Information Technology Summer Intern

- Created and managed a database of inventory items using SQL to increase efficiency by 10%
- Used LanDesk and ServiceNow to assist co-workers with various technology issues
- Reorganized storage room to streamline asset management operations

Daiwa Capital Markets America Inc., New York, NY

Summer 2018

Risk Management Summer Intern

- Researched methods used to measure and monitor Fixed Income and Equity inventory, including the use of Value-At-Risk (VaR) with Market Risk Manager
- Analyzed risk trends such as market, credit and liquidity risks with Chief Risk Officer
- Reviewed financial statements of counterparties and recorded account documentation
- Assisted Senior Credit Officer to assess counterparties' creditworthiness

Nicholas Markets Foodtown, North Haledon, NJ

January 2018 – June 2018

Consultant

- Researched and gathered data on the effectiveness of different online shopping platforms
- Interviewed and surveyed customers about potentially shopping groceries online
- Analyzed and presented recommendations to the manager of Nicholas Markets Foodtown

LEADERSHIP

Tech Time, Allendale, NJ

April 2017 – June 2018

President

- Chaired weekly meetings for groups of 10-15 people
- Educated senior citizens on using modern technology to improve their livelihood by planning lessons on the usage of different features on cell phones and laptops

SKILLS/AWARDS

- Programming Languages: C++, Python, SQL, Java, HTML, CSS
- Scholarship Awards: Rensselaer Leadership; Daiwa Securities America Foundation
- National AP Scholar Award (2018)

PERSONAL

- Interests: Tennis, Swimming, Piano, Chess
- US Citizen