

EDUCATION

Amherst, MA <ul style="list-style-type: none">• Major: Computer Science, M.S.	University of Massachusetts Amherst	Sept 2019 – June 2021 (expected)
Hsinchu, Taiwan <ul style="list-style-type: none">• Major: Business Administration, M.B.A. (GPA: 4.11/4.13)• Programming Coursework: Intro. to Computers and Programming, Object-Oriented Programming, Data Structures, Intro. to Operating System, Intro. to Computer Network	National Chiao Tung University	Sept 2014 – June 2018
Tainan, Taiwan <ul style="list-style-type: none">• Major: Statistics, B.A. (GPA: 3.03/4.0)• Programming Coursework: Intro. to Computers, Statistical Software & Drawing, Application of Statistical Software, Practice of Statistical Survey, Statistical Consulting	National Cheng Kung University	Sept 2010 – June 2014

EMPLOYMENT

Software Developer, Contract PC-cillin (www.trendmicro.com): Antivirus Plus Security Software <ul style="list-style-type: none">• Developed web application in JavaScript for tracking and visualizing the virus detection progress used by clients using ReactJS, Redux, NodeJS, ExpressJS, Nginx, CI/CD and docker.• Maintained web application in Java using Spring Boot, Spring Cloud, Hibernate and caching for facilitating transmittal of suspicious files for virus analysis.• Built RESTful Web Service in JavaScript for boosting end to end and regression test performance using NodeJS and ExpressJS.• Developed collaboratively in an agile environment with DevOps application pods to deliver the service.• Assisted in configuration of CI/CD environment using Gitlab CI/CD to automate deploy process.	Trend Micro Inc.	Sept 2018 – June 2019
Data Analyst, Intern www.eamc.com.tw <ul style="list-style-type: none">• Developed task assignment web application to increase company-wide efficiency using R, Bash, SQL and JavaScript.• Utilized caching for restoring recently assigned tasks using Redis.	PICK International Asset Management CO., LTD.	July 2015 – Jan 2016
Data Analyst, Intern www.cathaybk.com.tw <ul style="list-style-type: none">• Developed web application to interactively show the risk level of different portfolios in real-time by adjusting positions.• Automated data process flow using R and Bash.	Cathay United Bank CO., LTD.	July – Aug 2014

OPEN SOURCE PROJECTS

Software Developer Frameworks for Performance and Risk (summerofcode.withgoogle.com/archive/2016/projects/5727217287954432/) <ul style="list-style-type: none">• Developed and refactored multiple well-known quantitative frameworks.• Built responsive web application for showcasing new features.• <u>Utilized:</u> Git, R, HTML/CSS, JavaScript	Google Summer of Code	April – Aug 2016
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SOFTWARE PROJECTS

Personal Website: naturalsmen.github.io/devportfolio (for additional information and projects)

Robofriends

- Developed web application for searching robots by name to implement SSH, Performance Optimization, Progressive Web Application, Testing, Security, Docker, JWT, Nginx and AWS.
- Utilized: React.js, Redux, Redis, Caching, Webpack, Chrome Developer Tools, Lighthouse, AWS Lambda

Stock Backtesting Platform

- Developed an interactive portfolio performance testing website to allow users to test custom trading strategy using cross-validation and review complete performance report based .
- Utilized: Amazon EC2, R, Shiny, HTML/CSS, JavaScript

SKILLS

Software: (*proficient*): Java, Python, R, JavaScript, Git (*familiar*): Swift, SQL, HTML/CSS