# Richard Chou

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## About Me

**Technical Skills** Python, SQL (Teradata, PostgreSQL, SQLite, BigQuery), LaTeX, R, BI Tooling, Cypher
**Developer Tools** Atlassian stack (BitBucket, Confluence, Jira), DBeaver, Overleaf, Looker Studio, Tableau, Docker, VS Code, SAP PowerDesigner, RStudio, Amazon Sagemaker, Neo4J
**Languages**     Fluent in Dutch, Proficient in English, Limited Proficiency in Mandarin
**Interests**     Technology, Coding, Stock Trading, Reading, Running, Football, Basketball

## Work Experience

### Bit Academy

Community Coach, Education                                   Amsterdam, NL (January 2023 – Present)

- Facilitate and coach people with coding problems for the Bit Academy Pro courses in Python, SQL and other open-source technologies.
- Used technologies: SQL (SQLite), GitLab and Python.

### De Volksbank

Junior Data Engineer BI, Banking                            Utrecht, NL (September 2022 – Present)

- Further developing and implementing the functional data warehouse within De Volksbank.
- Work on dashboard development, data migrations and risk model monitoring.
- Used technologies: SQL (Teradata), Jira, Confluence, BitBucket, SAP PowerDesigner and Tableau.

### Coolblue

Data Science Intern, E-Commerce Company                     Rotterdam, NL (April 2022 – August 2022)

- Worked on the weekly potential sales and demand forecast for one of the product types within Coolblue.
- Group different products based on their sales behaviours and propose different forecasting approaches for the selected product types.
- Used technologies: SQL (BigQuery), Jira, Confluence, GitHub and Python.

### University of Amsterdam

Graduate Intern, University                                 Amsterdam, NL (February 2022 – July 2022)

- Did research and developed a multi-modal classification model on detecting and classifying cyberbullying within memes posted on Twitter.
- Used technologies: Python, Amazon SageMaker, GitHub and Twitter Developer API.

### Finaps

Process Engineer, Tech Company                              Amsterdam, NL (November 2019 – April 2022)

- Implementation and maintenance of the information security and quality management systems.
- Performed several continuous improvement initiatives in the form of chapters.
- Part of the tactical stream within the organisation.
- Mentored several (graduate) interns with their projects and research.
- Milestone: achieving the ISO 9001 certification with Finaps in August 2021.

### Accenture

Associate, Technology Practices                             Utrecht, NL (March 2018 - September 2019)

- Started as an undergraduate intern, which was scoped on data security tooling and best practices for GDPR compliance (March 2018 - August 2018).
- Provided project management support across Accenture's Dutch accounts within the chemical sector.
- Support tasks consist of managing project financials, calculating price margins for (new) projects, and collaborating with the project managers to win (new) deals.
- Mentored several (graduate) interns with their projects and research.

### Finaps

Junior Information Security Specialist, Tech Company          Amsterdam, NL (August 2016 - December 2017)

- Started as an intern, which was focused on implementing the ISO 27001 standard within the organisation (August 2016 - January 2017).
- Managed to set up the ISO 27001 framework within 7 months within the organisation.
- Worked on internal audits, writing information security policies, and performing risk assessments when (technology) changes occurred in the organisation.
- Milestone: achieving the ISO 27001 certification with Finaps in April 2017.

## VOLUNTEER EXPERIENCE

### Volt Europe, Politics          Remote/Amsterdam, NL (August 2021–April 2023)

- Volunteered as a data analyst facilitator for the Data Analytics team of Volt Europe.
- Performing ETL on raw data to make different types of dashboards for different stakeholders.
- Manage and divide tasks to several Volt members related to dashboarding.
- Used technologies: SQL (PostgreSQL), Python, GitLab, and Looker Studio.

### KLM Curaçao Marathon, Foundation Run in the Sun      Utrecht/Curaçao, NL (November 2017)

- Volunteered for 1 month as a facility officer for the participants of this marathon.
- Tasks varied from handing out drinks and medals to the participants to setting up the event.

## EDUCATION

### University of Helsinki          Helsinki, FL (2023–Present)

- Open University, Track: Computer Science and Data Science

### University of Amsterdam          Amsterdam, NL (2021–2022)

- MSc Information Studies, Track: Data Science

### Utrecht University          Utrecht, NL (2020–2021)

- MSc Business Informatics, Profile: Applied Data Science
- Programme not completed: 61.5/120 ECTS (completed Applied Data Science profile: 45/30 ECTS)
- Relevant coursework: Data Science and Society, Data Analysis and Visualisation, Big Data, Algorithms in Finance, Business Intelligence, and Data Intensive Systems

### Hogeschool Utrecht          Utrecht, NL (2014–2018)

- BSc Business, IT & Management (currently called HBO-ICT)