Ethan Cratchley

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EDUCATION

Simon Fraser University – Beedie School of Business   Sep 2022 – Jun 2026
Bachelor of Business Administration
- **Coursework:** Calculus, Business Computing, Business Information Systems, Business Statistics, Managerial Accounting, Financial Accounting, Discrete Mathematics, Microeconomics, Macroeconomics, Intro to Computer Sciences

Experience

Operations Intern   Apr 2024 – Aug 2024
Wilson Beck Insurance   *Vancouver, BC*
- Utilized Applied Epic software to work with clients and co-workers to aid in the insurance process.
- Answered phone calls from clients and communicated with them to give them the support needed.
- Researched and helped in building multiple internal company procedures including innovative AI workflows.
- Attended team meetings and contributed ideas and solutions to help move the company forward.

Sustainability and Square One Project Representative   Oct 2023 – Jun 2024
Enactus Capilano   *Vancouver, BC*
- Built PowerPoints to be presented to classrooms around BC for a total of over 300 students.
- Coordinated events with over 100 people while managing and leading the team.
- Worked with the team to build and maintain a financial budgeting app/website to be used by over 500 students.
- Assisted in competing in Calgary for Regional competitions and placed second.

Co-Founder   Mar 2020 – Aug 2020
DewHack   *Remote*
- Used Discord API to manage and build a discord server for customers and staff close to 100 members in size.
- Contracted graphic design artists to design company website, logo, and more.
- Worked with customers and co-workers from NA, EU, Asia to grow the company and respond to customer feedback.
- Built a website and setup cyber security measures using Cloudflare and web hosting using a SolarWinds VPS.

Projects

Learn2Launch | *JavaScript, Node, Express, HTML, CSS, Git, GPT API, MongoDB*   Jan 2024 – Present
- Won Best Educational Project award at CrackedDevs 2024 Hackathon.
- Utilized ChatGPT API to help students create flashcards, summarize, and study quiz's
- Maintained user security and login information with MongoDB.
- Implemented CrackedDevs API to empower people to find over 2000 jobs around the world and prepare for them.

Financial Modelling | *Excel*   Nov 2023 – Present
- Modelled over 10 different public company's financial statements including Google, Microsoft, Tesla.
- Used NPV and discounted cashflow techniques to calculate the future value of companies and their stock price.
- Researched company SEC filings and earnings calls to learn more about the company.
- Used Excel to do company accounting and financial math calculations as well as Excel functions for efficiency.
- The calculations and research are used to make financial decisions with confidence with any amount of AUM.

Financial Fast Feed | *Python, JavaScript, CSS, MongoDB, Git, React, Vercel, Next, AWS*   Dec 2023 – Jan 2024
- Fetch financial news RSS feeds from 13 sources with Python and summarize them with GPT API.
- Store complete data and summarization of RSS feeds to MongoDB at a rate of 26 times per day automatically.
- Host website using Vercel and Next with frontend completed using React, JavaScript, CSS.
- Use Crontab to run the program 3 times a day at different times hosted on AWS.

SKILLS, HONORS, AND ORGANIZATIONS

Languages: Python, SQL, HTML, JavaScript, CSS
Frameworks: MongoDB, React, Next, Node, Express, Flask
Tools: Git, AWS, Vercel, Jupyter Notebook, Access, Excel, Heroku, Jupyter Notebook
Honors: WinterHacks 2024 Best Pitch, CrackedDevs 2024 Best Educational Project, BMO Marathon Completion, Gruesome Twosome Half Marathon 7th Place
Organizations: Enactus Capilano