

BERAT CELIK

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WORK EXPERIENCE

Commure Inc | Software Engineer Intern (Full-stack)

Oct 2024 – Jan 2025

- Implementing AI-driven patient engagement solutions, enhancing workflows, and automating predictive pathways.
- Supporting KPIs by minimizing patient no-show rates and maximizing clinical outcome through digital interventions.

Athelas Inc | Software Engineer Intern (Backend)

Aug 2024 – Oct 2024

- Designed ML models for EHR data extraction, ensuring data accuracy for downstream AI-enabled claims processing.
- Resolved data pipeline bottlenecks, recovering \$2-3M in revenue for hospitals through improved claim completeness.
- Automated data transformation and integrated validation checks, enhancing compatibility for large EHR processing.

Beaton Rettich Waters Consulting Group | Associate Business Consultant

May 2023 - Dec 2023

- Leveraged analytics to optimize client decision-making processes, resulting in operational efficiency and growth.
- Devised and implemented sustainable workflows, aligning client strategies with long-term performance metrics.

JOBBOX Inc | Owner/Director

Apr 2023 - Sep 2023

- Launched a high-demand gig marketplace app, effectively addressing user needs in the service economy.
- Oversaw development lifecycle, from planning to deployment, positioning the startup for scalability.

Students' Union Okanagan of UBC | Director at Large

May 2022 - May 2023

- Modernized IT systems, enhancing digital engagement and operational efficiency for 12,000+ students.
- Initiated partnerships with local stakeholders, creating financial and logistical benefits for the student community.

XFunds (acquired by Finzi) | Co-Founder, Director of XFunds

Dec 2021 - May 2022

- Developed and executed successful crypto and NFT trading strategies, leading to a strategic acquisition.
- Implemented regulatory and compliance measures, enhancing asset management and risk mitigation.

EDUCATION

The University of British Columbia, Kelowna, BC

Sep 2021 - Aug 2025 (Expected)

- Bachelor of Science in Computer Science & Economics (Double Major)
- Recipient of the 2021 Karen McKellin International Leader of Tomorrow Award with a 100% merit scholarship
- Extracurriculars: **Blockchain Club** (President, 2021-2025) | **Turkish Student Association** (President, 2021-2025)

Study Abroad:

King's College London, London, England | General Course Exchange Program | Sep 2023 – May 2024

London School of Economics, London, England | General Course Exchange Program | Jun 2022 – Aug 2022

Additional Courses:

- **Data Science Professional Certificate Program, IBM** | Credential ID: JRWNM5TRNYB6
- **Engineering Summer Academy, University of Pennsylvania** | Grade: A
- **Social and Economic Networks, Stanford University** | Credential ID: 62SUN6HF9D2E

AWARDS & PUBLICATIONS

- 1st Place Award (2022) | **Royal Bank of Canada - Cross-Campus Case Competition**
- 1st Place Award (2022) | **UBC BC Hacks Hackathon**
- 1st Place Award (2020) | **Mentorloops Innovation Platform Hackathon**
- 2nd Place Award (2020) | **Junior Achievement Turkey Startup Contest**
- Award/Certific. (2020) | **Entrepreneurial Skills Pass Certification by EUROCHAMBRES**
- Research Paper (2022) | Zero Carbon Ecosystem
- Research Paper (2020) | Efficient Control Strategies for COVID-19 based on Model Social Networks

KEY SKILLS

- **Programming:** Python, Java, C++, SQLAlchemy, FastAPI, Flask, Git, Selenium, Alembic, Uvicorn
- **Data Integration & Automation:** PostgreSQL, ClickHouse, Postico 2, Insomnia, Retool, Starlette
- **Web & Cloud Computing:** HTML, CSS, JavaScript, React, Node.js, Angular, AWS, Azure, Google Cloud
- **Machine Learning & Analytics:** TensorFlow, PyTorch, Scikit-learn, R, Excel, Tableau, MongoDB
- **Finance & Economics:** Financial Modeling, Risk Assessment, Fintech, Data Analytics, Market Analysis