

# JOSEPH POTENTIER-NEAL

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## PROFESSIONAL EXPERIENCE

**Ghostlab Inc. - Staff Software Developer;** Edmonton (Canada) *May 2020 - Present*

- Developed ghostATM, a hardware-agnostic digital currency ATM software suite, taking it from concept to deployment
  - Adapted in my role as we scaled our development team from 2 to 20+ developers in just 1.5 years
  - Successfully deployed on 160+ ATMs across Canada and is compatible with 11 models from 4+ vendors
- Revamped an existing web platform for the purchase of digital currencies online
  - Restructured CI/CD pipelines and optimized cloud infrastructure, resulting in a 50% reduction in hosting costs; while maintaining stability; increasing platform revenue from CAD\$ 30K to over CAD\$ 1.3M monthly in less than a year

**Bitcoin Well - Junior Software Developer;** Edmonton (Canada) *April 2019 - May 2020*

- Maintained and enhanced bespoke ATM reporting software, architected and implemented new payment rails for the purchase of digital currencies online

**Ambergate Advisors - Technical Consultant;** Edmonton (Canada) *Oct 2015 - Sept 2019*

- Website management and process automation consultant, working directly with brokerage staff to optimize workflows using technology

## PROJECTS

**Bitcoin Mine - Project Owner & Manager;** Edmonton (Canada) *July 2017 - Sept 2018*

- Founded a small-scale Bitcoin mining operation, overseeing all aspects of the project life cycle. Consistently documented the journey through a YouTube channel, which garnered significant attention in the Bitcoin community.

## EDUCATION

**University of Alberta, Faculty of Science | Bachelor of Science (BSc)** | Edmonton, AB | Dec 2021

Concentrations: Computing Science Major (Specialization Program); Minor in Business

- Software engineering, full-stack web applications and architecture
- Product and project management
- Economics, finance, and entrepreneurship

## SKILLS & INTERESTS

**Interests:** Technical Communication, Dev Ops, Cloud Infrastructure, Software Architecture, Finance

**Languages:** Native English speaker; Proficient in French comprehension (immersion program K-12)

**Technical:** Typescript, Node Js., Python, Micro-services, HTML5, CSS, Angular, Terraform, AWS, Bash Scripting, Git, Docker, Postgres, CI/CD