AMEY DHAMGUNDE

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EDUCATION

University of Toronto, St. George

B.A.Sc in Engineering Science, Machine Intelligence

📅 Sept 2020 – Apr 2025   📍 Toronto, Ontario

- **3.5 GPA**, 2x Dean's Honour List
- **Related courses:**
  Machine Learning, Artificial Intelligence, Neural Networks & Deep Learning, Computer Algorithms & Data Structures: **98%**, Ordinary Differential Equations: **85%**, Vector Calculus & Fluid Mechanics: **87%**, Electricity & Magnetism: **92%**

EXPERIENCE

R&D Software Validation Intern

GE Grid Solutions

📅 June 2022 – Sept 2022   📍 Markham, Ontario

- Developed software tools using Python to maintain database infrastructure, automating the process of updating technical documentation from database changes and vice versa
- Wrote scripts to automate software validation procedures relating to backwards compatibility and stress testing
- Designed remote user interfaces for long-distance data display and control of 8-series relays
- Created monitoring panels to cohesively display live data from 50+ runtime units
- References: Michael Pilon (michael.pilon@ge.com)
  Derek Irwin (derek.irwin@ge.com)

R&D Software Validation Tech Co-op

GE Grid Solutions

📅 June 2021 – Sept 2021   📍 Markham, Ontario

- Employed agile innovation with incremental and iterative approaches to develop new communications between devices on the Industrial Internet of Things (IIoT)
- Streamlined testing procedures by programming software to automate device setup protocols
- Conducted rigorous software and firmware tests on upcoming product releases
- Discovered and reported issues to firmware development teams
- References: Michael Pilon (michael.pilon@ge.com)

Coding Instructor

Code Ninjas Aurora

📅 Aug 2019 – Aug 2020   📍 Aurora, Ontario

- Taught children from the ages of 8-14 programming in languages such as Javascript, C#, and Scratch
- Encouraged and evaluated students as they advanced through the curriculum
- References: Donald Feng (donald.feng@codeninjas.com)

SKILLS

Engineering   Teamwork   Adaptability   Problem Solving   Communication

Programming Languages:

Python   Tensorflow   Git   React   HTML/CSS   Javascript   C/C++

🔗 github.com/ameydhamgunde

HONORS & AWARDS

DECA ICDC 2019

📅 May 2019   📍 Orlando, Florida, US

- 1st Place International, 1st Place Provincial
- DECA's International Career Development Conference (ICDC) is a business case competition with over 200,000 competitors.
- Won first place internationally in the Buying and Merchandising Operations Research (BMOR) category in 2019.

Hack the North 2019

📅 Sept 2019   📍 Waterloo, Ontario

- Hack the North 2019 Finalists, Algorand Build on Blockchain API Prize
- Hack the North is a hackathon hosted by the University of Waterloo, with over 1500 competitors.
- Won multiple prizes for creating AlgoFund, a decentralized bounties platform.
- devpost.com/software/algofund

ACTIVITIES

Competitive Soccer

Markham FC, Stouffville SC

📅 2012 – 2019   📍 Markham, Ontario

- Played competitive soccer at a provincial level for 8 years at Markham FC and Stouffville SC, winning tournaments and developing skills such as teamwork, communication, and persistence.

SHAD

Queens University

📅 June 2019   📍 Kingston, Ontario

- Attended SHAD, a STEM and entrepreneurship program comprising of a design project and thought provoking lectures and workshops.