

Devavardhan Bajla

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Campus Address:
Apt. 807,
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Ann Arbor, MI

Permanent Address:
2901, Sumer Tower,
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Mumbai, India

EDUCATION

University of Michigan, Ann Arbor

Computer Science Engineering

Since Aug. 2021

GPA: 4.0/4.0

- William J. Branstrom Freshman Prize (top 5% of class)
- College of Engineering Dean's List Fall 2021 & Winter 2022
- Relevant Coursework: Programming and Data Structures, Discrete Math, Multivariable Calculus, Linear Algebra

Dhirubhai Ambani International School, Mumbai, India

June 2021

GPA: 4.0/4.0

- Academic Honor Roll
- 45/45 on International Baccalaureate Examinations

EXPERIENCES

UM Information and Technology Services

IT Computer Consultant

Since March 2022

Ann Arbor, MI

- Provided executive level hardware, software, and network support to university staff, faculty and students
- Managed, maintained, and inventoried technology assets and devices owned by the university
- Conducted complete software rebuilds and reimaging for Windows and MacOS computers

Digiboxx Technologies

Python Intern

May 2022- July. 2022

Mumbai, India

- Completed course on API web development using Python led by Head Design Engineer
- Independently learned how to use Django for API development, including basic HTML and JS to build templates
- Built an ecommerce website using Django that allowed for user creation, cart functionality, and admin controls

Digital Water Lab

Research Assistant

Sept. 2021 - May 2022

Ann Arbor, MI

- Led rebuild of water sampler firmware and hardware to reduce system lag and increase ease of use
- Investigated viability of processing water sampling results in lab and evaluated options to implement it
- Performed sensor repairs, reprogrammed river depth sensor nodes, and conducted fieldwork to deploy sensors

Taurian Engineering

Design Team

June 2021- Aug. 2021

Mumbai, India

- Assisted investigation into increasing durability of current jaw crushers by exploring different nip angles
- Collaborated with marketing and design team to help prepare videos and other visual media for trade exhibitions
- Upgraded company website to display technical specifications of products more easily and aide e-commerce

EXTRACURRICULARS

UM Autonomy

Artificial Intelligence Subteam

Since Oct. 2021

Ann Arbor, MI

- Built coding skills in Python and C++, with a focus on AI, neural networks and machine learning algorithms
- Developed AI program to identify obstacles in the path of the boat, categorize them and take action
- Collaborated with the Deep Learning team to solve issues with the raw predictions of the neural network