

Aayush Panda

SOFTWARE DEVELOPER · DATA SCIENCE ENTHUSIAST · HIGH SCHOOL STUDENT

☎ (647) 994-9640 | ✉ aayush.vinayak@gmail.com | 🌐 AayushPanda | 📺 aayush-panda

Experience

Woodlands App Team

The Woodlands Secondary School

FULL-STACK DEVELOPER

June 2021 - Present

- Architected and developed a mobile application to inform students about announcements, events, cafeteria menu, and general school information
- Utilized Flutter to create the cross-platform mobile application
- Integrated Firebase and GCS for user authentication and storing information related to the school
- Used by ~400 users and reached 70 on the Apple App Store's top charts
- [Play Store link](#), [Apple App Store link](#)

hack::peel

Mississauga, Ontario, Canada

LEAD ORGANISER

December 2021 - Present

- Organised a Peel-region highschool hackathon with 100+ participants
- Arranged sponsored prizes valued at \$20,076
- Organised judging panel with tech executives and domain experts
- Developed hackathon website, and organised other public facing elements
- [Hackathon website](#)

Skills

Programming Python, Java, Web Development, JavaScript, Android development, SQL, Cybersecurity
Data Science Pandas, Sklearn, Tensorflow/Keras, Matplotlib, NumPy
Frameworks Flutter, Flask

Projects

ANN Hurricane Path Projector

September 2020 - October 2020

- Used Pandas to obtain individual hurricanes' track information from Kaggle dataset
- Utilised Tensorflow/Keras to develop ANN model
- Visualised training information and hurricane tracks using Matplotlib and Plotly
- [Project repo link](#)

Patents, awards & certifications

May 27, 2021 **Patent- Compliant mechanism for operating flight control surfaces of a remotely piloted aircraft**, Patent # ca 3119717
Mar 29, 2022 **PicoCTF - 2nd place in Canada**, Carnegie-Mellon University

Education

The Woodlands School

Mississauga, Ontario, Canada

HIGH SCHOOL, GRADE 10

September 2019 - July 2024 (expected)

References

Dr. Prasanjit Dash

PRASANJIT.DASH@NOAA.GOV
Climatology Division

Colorado State Uni. CIRA Res. Scientist III
NOAA STAR Satellite Oceanography