Aayush Panda

SOFTWARE DEVELOPER · DATA SCIENCE ENTHUSIAST · HIGH SCHOOL STUDENT

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Experience

Woodlands App Team   *The Woodlands Secondary School*
PRESIDENT   *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*
FOUNDER AND CO-PRESIDENT   *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, Blockchain
Data Science	Pandas, Sklearn, Tensorflow/Keras, Matplotlib, NumPy
Frameworks	Flutter, Flask

Projects

DAO Based Crypto Token Mutual Fund   *September 2022*

- Won 2 prizes for best Web3 app at Hack the North 2022
- Used Smart Contracts with Axelar to perform cross-chain transactions, and 0Squid to convert tokens
- Used Node.js and Next.js to integrate Web3 backend with frontend
- Project devpost 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
Sep 18, 2022	**Winner - Hack the North 2022**, University of Waterloo

Education

The Woodlands School   *Mississauga, Ontario, Canada*
HIGH SCHOOL, GRADE 11   *September 2019 - July 2024 (expected)*

References

Dr. Prasanjit Dash   *Colorado State Uni. CIRA Res. Scientist III*
PRASANJIT.DASH@NOAA.GOV   *NOAA STAR Satellite Oceanography*
Climatology Division