ARYAMAN AGRAWAL

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EDUCATION

Bachelor of Science in Computer Science
University of Massachusetts Amherst

📅 Sep 2019 – May 2023   📍 Amherst, MA

- College of Information & Computer Science
- Member of Commonwealth Honors College

All India Senior School Certificate Examination
Amity International School

📅 Graduated: May 2019   📍 Gurgaon, India

- Cumulative Score: 93.8%

EXPERIENCE

Flutter and UI/UX Developer Intern
AYOrents

📅 July 2019 – Sep 2019   📍 Gurgaon, India

- Designed user-interface and user-experience of an e-commerce *Flutter* app product from scratch.
- Designed prototypes using *Adobe Xd* and *Adobe Photoshop*.
- Implemented user-interface mock-ups in *Dart* code for Flutter.
- Integrated various Flutter packages to assist customized user-interface development.

AWARDS & ACHIEVEMENTS

- **Chancellor's Award - University of Massachusetts 2018**
- **World Finalist - Microsoft Imagine Cup 2018**
  - 3rd and Best Accessibility Project : Indian National Finals.
  - Presented *Practikality* at Microsoft Headquarters, Redmond.
- **Grand Prize Winner - Google Code-in 2017**
  - Completed 51 tasks for Systers Community, an Anita Borg Organization, over a period of 53 days.
  - Further developed PowerUp, a female empowerment educational mobile game for *Android*.
  - Sponsored trip to Google HQ, Mountain View.
- **National Finalist - IRIS National Science Fair 2017**
  - *Practikality* selected among top 7 Medical and Health Sciences projects all over India.
- **Global Winner - DECA Idea Challenge 2016**
  - Created a multi-purpose gardening tool with plastic bottles in a team.

SKILLS

Languages : C++ • Java • XML • Dart • LaTeX • Python • JSON
Tools : Android • Flutter • React Native • Git • Firebase
MySQL • UI/UX • Adobe Xd • Adobe Photoshop • Azure

CERTIFICATIONS

- Duke of Edinburgh's Silver Award - Oct 2018
- Microsoft Office Specialist - May 2017
- Android Development Certificate - The Climber - Aug 2016

PROJECTS & CLUBS

Practikality

- Developed a three tier *Android* app focused on helping the differently-abled communicate better with others.
- **VOICE:** Built to assist the mute. Recognizes emotions of a message through sentimental analysis. Conveys message using natural language processing.
- **EASI:** Uses Speech-to-Text to help the deaf interpret conversations in the environment. Outputs sign-language and text in multiple languages.
- **VISION:** Integrates facial recognition, environmental analysis and educational assistance to make the lives of the visually impaired more independent.

Taskout
"your to-do, by others"
- Cross-platform task management app using *Flutter*, *Dart* & *Node.js*.
- Designed to let users assign tasks to others for project management, collaborations, or simple day-to-day tasks.

Healr

- *Android* app to assist medical waste collection in-exchange for credits.
- Includes medication dosage, stock and prescription tracking.

freshCICS - President

- Organizing events to create an engaging environment for freshman interested in informatics or computer science.

BUILD UMass - Software Developer

- Working on *Maroon Folder App* project with *UMatter at UMass* .
- Mobile app to help students navigate different problems within the campus community.
- Built using *React Native*.

UMass ACM ML Club - Member

- Working on *Computational Investing* project.
- Predicting market trends with accuracy using technical, fundamental, sentimental analysis.