Shannon Suhendra

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EDUCATION

University of Pennsylvania, School of Engineering and Applied Science | Philadelphia, PA   **May 2023**
Candidate for BSE in Computer Science | **Cumulative GPA**: 3.86/4.00
- Relevant Coursework: Data Structures and Algorithms, Programming Languages and Techniques, Mathematical Foundations of Computer Science, Python Programming
- Attended Engineering Summer Academy at Penn for Computer Science on July 2018
- Accepted as Residential Teaching Assistant for ESAP for Computer Science on July 2020 but canceled due to online format

Jakarta International School | Jakarta, Indonesia   **May 2019**
Graduated Valedictorian | Cumulative GPA: 4.2/4.3

TECHNICAL SKILLS

Skilled Programmer | Java, Python
Significant Experience with Web Technologies | Django, HTML, CSS, JavaScript, Node.js
Familiar with Optical Character Recognition (OCR) services | Google OCR, Amazon Textract

PROJECTS

Voice of Music (VoM) | Jakarta, Indonesia (Remote)   **June 2020 – Present**
Chief Technology Officer
- Utilized HTML, CSS, JavaScript, Node.js to develop website consisting of news update, gallery, and testimonials
- Managed G-suite and newsletter for point of communication and to stay up to date with current events of VoM chapters

Blood Donor Community Project | Jakarta, Indonesia   **July 2016 – August 2019**
Programmer
- Developed mobile application using React Native to encourage people to donate blood to Red Cross, reaching 70+ donors
- Updated the community on the number of successful donors per blood type through mobile application by utilizing JSON

PROGRAMMING EXPERIENCE

Penn Engineering Council | Philadelphia, PA   **February 2020 – Present**
Member of Technology Committee
- Created biweekly 5-10 minutes crash course videos regarding technology such as Introduction to Git and Version Control
- Updated Penn Engineering Council website with new events

Tech It Out | Philadelphia, PA   **February 2020 – Present**
Mentor
- Explored social change through computer science with Philadelphia high school students
- Mentored 5 high school students and guide through project in web development

PennApps | Philadelphia, PA   **October 2019 – Present**
Member of Development Team
- Built and refined application portal for thousands of PennApps committees and applicants using Django
- Generated 2 different admin levels, superuser and grader, to avoid grading bias by filtering user data

Qoala Insurance | Jakarta, Indonesia   **June 2019 – August 2019**
Data Science and Quality Assurance Intern
- Implemented data science projects to enhance user experience for company's launching application
- Extracted data from documents using Python programming with Google OCR and Amazon Textract
- Conducted manual and automatic quality assurance for ongoing project application

LEADERSHIP EXPERIENCE

Developer Student Club (DSC) | Philadelphia, PA   **August 2020 – Present**
Event Coordinator
- Coordinated with technical leads on brainstorming and planning weekly workshops
- Supervised workshops of around 15 participants
- Cultivated close-knit community by holding social events

Penn Indonesian Club | Philadelphia, PA   **August 2019 – Present**
Culture Chair (2020-2021)
- Led a team of 12 to organize and plan for a virtual Culture Show
- Reached out to Indonesian culture organizations and influencers for potential collaboration

INTERESTS

Web Development, Innovation, Group Projects, Social Networks, Dancing, Cooking