SHANNON SUHENDRA

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EDUCATION

University of Pennsylvania | Philadelphia, PA   **Expected Graduation:** May 2023
Candidate for BSE in Computer Science   **Cumulative GPA:** 3.87/4.00
- Relevant Coursework: Data Structures and Algorithms, Python Programming, Big Data Analytics, Product Design

PROFESSIONAL EXPERIENCE

CoLearn | Jakarta, Indonesia (Remote)   Jul 2021 – Present
Product Engineer Intern
- Integrated X-Ray tracing on CoLearn's infrastructure to troubleshoot performance issues and errors
- Developed Web API utilizing Django REST framework and PostgreSQL to an existing application used by 1000+ users

Engineering Summer Academy at Penn | Philadelphia, PA (Remote)   Jun 2021 – Jul 2021
CS Teaching Assistant
- Guided 40 high school students through a college course focused on object-oriented programming in Python
- Held weekly office hours to assist students on homeworks and built test cases for automated grading
- Collaborated with team of 7 teaching assistants to organize community building activities for students

Qoala Insurance | Jakarta, Indonesia   Jun 2019 – Aug 2019
Data Science and Quality Assurance Intern
- Automated data entry for company's application to enhance user experience in claiming insurance by up to 800%
- Extracted data from documents using Python programming with Google Cloud Vision and Amazon Textract
- Conducted manual and automatic quality assurance testing and found over 20 bugs for ongoing project application

PROJECTS

Twitter Clone | Philadelphia, PA   Mar 2020 – May 2020
Team Coding Project
- Programmed a Twitter clone using Django that allows user sign-in, create tweet, and see comments
- Developed machine learning model with Tensorflow and Keras to generate automatic replies for tweets based on past replies

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

LEADERSHIP & EXTRACURRICULAR ACTIVITIES

Penn Engineering Council (PEC) | Philadelphia, PA   Feb 2020 – Present
Vice President of Technology Committee
- Produced biweekly 10 minutes crash course videos regarding technology such as Introduction to Git and Version Control
- Collected over 20 PEC alumni database and created PEC alumni page on website

PennApps | Philadelphia, PA   Oct 2019 – Present
Member of Development Team
- Built and refined application portal in a team of 5 for 1000+ PennApps committees and applicants using Django
- Generated 2 different admin levels, superuser and grader, to avoid grading bias by filtering user data

Penn Indonesian Club | Philadelphia, PA   Aug 2019 – Present
Culture Chair (2021-2022)
- Reached out to Indonesian students outside of University of Pennsylvania to become student ambassadors for first Penn Indonesian Conference: Indonesia on the Global Stage
- Selected to lead and organize first Penn Indonesian Culture Show for Spring 2022

INTERESTS & SKILLS

Interests: Educational Technology, Web Development, Cooking, Snowboarding, Dancing, Traveling
Technical Skills: Java, Python, Django, HTML, CSS, Node.js, SQL, AWS X-Ray, Amazon Textract, Google Cloud Vision