

# 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

**Engineering Summer Academy at Penn** | Philadelphia, PA (Remote)

Jul 2021 – Present

*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

**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 to an existing application utilizing Django REST framework and PostgreSQL

**Qoala Insurance** | Jakarta, Indonesia

Jun 2019 – Aug 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 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