

Benedictus Alvian Sofjan

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WORK EXPERIENCE

Department of Computer Science, HKU

Sep 2019 – Nov 2019

Student Teaching Assistant

Hong Kong

- Teaching assistant for ENGG1330 - Computer Programming I (Coding in Python).
- Integrated additional teaching resources for students' tutorials under the supervision of Dr. Chun-Kit Chui and Dr. Dirk Schnieders.
- Leveraged knowledge in Python.

Harvard College in Asia Program

June 2019 – April 2020

Publicity Secretary & Hong Kong Delegation

Hong Kong & Cambridge, USA

- Selected as one of eight delegates university-wide of Hong Kong students to Harvard University for high-achieving diverse talent based on leadership potential and ability to contribute to this HCAP cohort.

The Akshaya Patra Foundation

June 2019 – June 2019

Digital Marketing Intern

Bengaluru, India

- Contributed to redesign Akshaya Patra's website for my internship.
- Transformed content for Google Ads and social media platforms into modern ones.
- Leveraged knowledge in writing and graphic design.

Sports Association, HKU Students' Union

April 2019 – April 2020

Financial Secretary

Hong Kong

- Increased funds granted to SA from the Students' Union by 38% (HK\$50K) by educating Sports Clubs on how to utilize their monetary resource.
- Raised Sports Clubs' participation in subsidy request by 100% by increasing Sports Clubs' financial literacy.
- Leveraged knowledge in accounting and fiscal management.

PROJECTS

Piezoelectric Shoe

- Designed and created with teammates a working proof-of-concept of a piezoelectric shoe, a shoe that generates electricity when walking.
- Implemented piezoelectric plates with bridge rectifier to convert pressure exerted to AC to DC.
- Project went on to be exhibited on IET HK's annual Exhibition and Competition.
- Utilized: Circuit Design and Design Implementation.

EDUCATION

The University of Hong Kong

June 2022

Bachelor of Engineering in Computer Science (minor in Finance)

Hong Kong

- Cumulative GPA of 3.67/4.30. Expected First Class Honours.
- Awarded multiple academic scholarships.
- **Programming Coursework** (Completed): Python, C++, and Bash shell script. In progress: Data Structures & Algorithms, Object-oriented Programming (Java), Computer Organization (Architecture).

SKILLS & INTERESTS

- **Software:** (proficient): Python, C++, Java (familiar): Bash shell (learning): ReactJS, VBA; Indonesian & English.
- **Interests:** AI; machine learning; finance; education; philosophy; art; PowerPoint programming.