**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; Kurzgesagt; philosophy; PowerPoint programming.