

# AKHTAR, Muhammad Farhan

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📍 Hong Kong

🌐 HK Student Visa

## 👤 Profile

Final year undergraduate Electrical Engineering and Software Technology student with hands-on experience in electronics digital design and programming including object-oriented and functional programming languages. Supportive and enthusiastic team player dedicated to streamlining processes and efficiently resolving project issues.

## 💻 Strengths

Quick Learner Creative Collaboration Reliable

Solution architecture Delagation Multi-tasking

Time Management Machine Learning DevOps

Micro-Services Agile Developer APIs

## 📁 Internship Experience

📅 Jun 2021 – Aug 2021 📍 Singapore

🏢 MVI Technologies

🌐 <https://www.mvitech.com/>

### Full Stack Software Engineer

- Designed a merchant portal and a merchant onboarding BizOps UI application in a payment gateway system.
- Integrated all aspects of Software development life cycle such as design consideration, testing, deployment.
- Implemented SCRUM model of project management.
- Built a full stack web application with HTML/CSS/Thymeleaf and Spring MVC.
- Engineered applications using spring-boot, unit & integration testing, GitHub, SVN, SQL and NoSQL databases.
- Developed complex User Interface using Angular/ReactJS.
- Designed well organized data base by utilizing entity relationship model.
- Created secure and efficient 2-Factor-authentication systems using spring security and google authenticator.
- Achieved efficient API management and control by successfully integrating API management tools such as Kong API gateway.
- Brainstormed technical solutions and programmed innovative services to digitize workflow for business models.
- Provided support for maintenance and debugging of existing applications.

## 📁 Internship Experience

📅 Oct 2020

📍 Hong Kong

🏢 J.P. Morgan

🌐 <https://www.jpmorganchase.com>

### Code for Good Hong Kong (Hackathon)

- Top four finalist team of the competition for the NGO HandsOn HK.
- Built real-time Web application using Angular framework for front end, python/java for backend.
- Built microservices using spring-boot.
- Programmed data visualization tools using python framework/ libraries.
- Developed microservices & RESTful APIs using Java 10 and Spring-Boot.
- Used entity relationship model to design well organized data base with MySQL.
- Developed User interface using Angular/ReactJS to digitize current workflow.
- Designed Predictive Algorithms using machine-learning to Optimize selection process for the NGO.
- Server-side development. Connected web application and database with a Linux server using Putty/PuttyGen.

📅 July 2019 – Aug 2019 📍 Hong Kong

🏢 Applied Science and Technology Research Institute

🌐 <https://www.astri.org>

### Harvard-Style Problem Based Placement

- Undertook intensive professional training for Leadership development and Problem solving in corporate environment.
- Modules completed include: Leadership Skills, SQL, Excel/ VBA, Web Development, Research Industry Awareness.
- Provided consultation on real executive's problems.
- Applied Harvard Business School FIELD immersion method to understand corporate problems and derive innovative solutions.
- Developed innovative digital solutions for complex corporate challenges.
- Applied Data analytics tools to understand trends and developments in research industry.
- Presented innovative technical solutions for complex corporate challenges.





## Internship Experience

 June 2019 – Sept 2019  Hong Kong  
 Crossroads Foundation  
 <https://www.crossroads.org.hk>

### Information Technology Intern

- Undertook intensive professional training for Electronic Design and Software Development.
- Modules completed include Professional Skills development, SQL, Excel/VBA, Web Development, NGO Industry Awareness.
- Server-side development Hardware/Software.
- Conducted defects inspection and testing of electrical appliances/goods to be donated.
- Installed and configured Network Switches.
- Assisted in packaging of donations and shipment logistics.
- Provided consultation on NGO service strategies by analyzing current social conditions of unprivileged groups locally and globally.
- Applied Crossroads foundation digital Apps to optimize linking of donors and social groups.




## Education

 Sep 2018 – June 2022 (**Expected**)  Hong Kong  
 The Hong Kong Polytechnic University  
 <https://www.polyu.edu.hk/en/>

### Major BEng Hons(Electrical)

### Minor Software Technology

- Entrance Scholarship for Outstanding International Students
- CGPA 3.18

 Sep 2015 – June 2018  Pakistan  
 Beaconhouse School System

GCE Advance Level (A-Levels) (3A\*, 4A, 2B)

GCE Ordinary Level (O-Levels) (8A\*, 1A, 1B)



SAT English Test

SAT Subject Test (Physics, Chemistry, Mathematics lvl. 2)



IELTS Academic (8.0)

## Awards


 July 2019

-  Gold Award Global Youth Leaders Summit Project Competition
-  Certificate of Outstanding Award Belt and Road Global Youth Leaders Summit

 June 2018

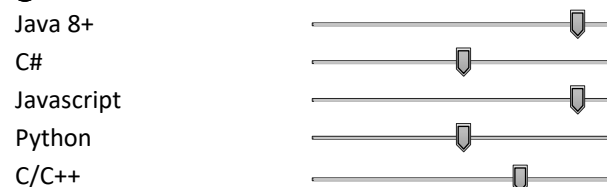
-  Beaconhouse Margalla Campus Academic Excellence Scholarship
-  The Hong Kong Polytechnic University Entrance Scholarship

 June 2015

-  Outstanding Cambridge Learner Awards

## Skills

### Programming Languages



### Databases



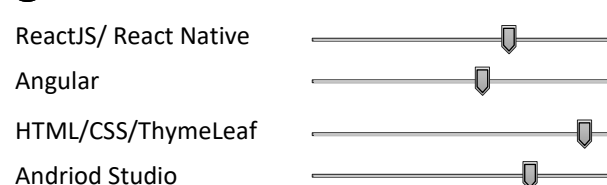
### Development Framework & Platform



### Machine Learning







### Frontend Frameworks – Web&Mobile Development



### Cloud Platform



## Extracurriculars

-  SOAR Youth Leadership Programme HK PolyU Service Learning Department (**Project Participant**)
-  The Hong Kong Polytechnic University Faculty of Engineering Robotics Club (**Student member**)
-  House of Intercultural Living and Learning student halls HK PolyU (**Student member**)
-  Outstanding PolyU Alumni Association Mentorship Programme (**Student member**)

## Languages

