

Wong Ka Chung, Martin

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Objective: Summer Internship in IT and Development

EDUCATION

City University of Hong Kong (Year 3) 2017.08 - 2021.07

Bachelor of Engineering in Information Engineering Hong Kong

- GPA: 3.83 / 4.3 (Major GPA: 4.0 / 4.3)
- Honors/Awards: CENG Mentor Service Award (18/19), Dean's List (Sem A 17/18, 18/19, Sem A 19/20)
- Relevant Coursework: Security Technology, Digital Forensics, Java Programming & Applications

National Cheng Kung University (Summer Exchange) 2018.07 - 2018.08

Electrical Engineering and Computer Science Summer Program Tainan, Taiwan

- Relevant Coursework: Java Programming (Project: github.com/kcwong395/Mahjong-Bingo)

WORK EXPERIENCE

Department of Electrical Engineering, CityU (Part Time) 2020.01 - Present

Student Tutor, EE 2331 Data Structures and Algorithms

- Provided support during tutorial lessons, debugged students' programs and guided them to solve tutorial questions
- Hosted after-class weekly meetings and organized a study group with a size of 11 junior students

Department of Electrical Engineering, CityU (Part Time) 2019.10 - Present

Research Assistant, supervised by Dr. Alan K.H. Yeung

- Developed a Steganography tool in C# that embedded messages into images (github.com/kcwong395/HideNSeek)
- Prepared materials for EE Cyber Security Interest Group meetings (github.com/kcwong395/CyberSecMaterial)
- Investigated various file systems and developed a reversible approach to encrypting the data of a USB

Institute of Software, Chinese Academy of Sciences (Internship) 2019.06 - 2019.07

Intern, supervised by Dr. Libo Zhang, Intelligent Software Research Center Peking, China

- Performed data collection, labeling, data-preprocessing and gathered a total of 5k images with proper labeling
- Designed a deep hand pose detection model with 98.6% validation accuracy using Python and Keras Framework
- Deployed the developed model to a web-based application (hemanlmf.github.io/research/pphp/index.html)

SCHOLARSHIPS AND COMPETITIONS

- HKSAR Government Scholarship (HKD \$40,000) 2019 - 2020
- Finalist, CTF Open 2019 Student Category, HK CTF Association 2019.10
- Universal P.C.B. Equipment Co., Ltd. Scholarships (HKD \$10,000) 2018 - 2019
- Reaching Out Award (HKD \$10,000) 2017 - 2018

LEADERSHIP AND SERVICES

Campus Services, Mentor of Student Mentoring Scheme 2018.09 - Present

- Handled enquiry from freshmen regarding campus environment, students' life, university facilities and resources

Community Services, Volunteer of City-Youth Empowerment Project 2018.01 - 2018.04

- Offered extra tutorial classes for the students with disabilities in Hong Kong Red Cross Princess Alexandra School

SKILLS AND QUALIFICATIONS

- **Programming Skills:** Java, C++ (Proficient), Python, C#, Regex (Intermediate)
- **Web Development:** HTML5, CSS3, Javascript (ES6, JQuery), Responsive Web Design (Bootstrap)
- **Forensics:** Packet Analysis (Wireshark), Data Carving (Autopsy), File Structure Analysis (ExifRead, Winhex, HxD)
- **Communication Skill:** IE Class Representative (report opinions collected), MC in EE Jupas talk (~50 students)
- **Languages:** English (IELTS: 6.5), Cantonese (Native), Mandarin (Fluent)