

NOAN LE RENARD

2nd year Computer Science student at UCL

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EXPERIENCE

IT Production Intern

BNP Paribas Hong Kong

📅 June 2019 – Sept 2019 📍 Hong Kong

- Mission: upgrading the Bank's operating system to Windows 10
- Helped develop & maintain the IT infrastructure of the Bank
- Joined the on-site support team to help with day-to-day operations
- Debugging and developing of internal software and hardware

Academic Projects

UCL

📅 2018-2019 📍 London, UK

- Lead team of 11 computer scientists and electrical engineers to build a bioreactor for vaccine production
- Built Java backend and GUI with Swing for database that can read/write file
- Later developed a web application (Apache Tomcat) for above project with basic data analytics features
- Built own compiler front-end in Java with JFlex and Cup
- Built single-cycle processor from scratch on FPGA board with MIPS assembly
- Coded AI in Python that can play Tetris intelligently
- Built a working piano with Arduino breadboard and the Processing. JS library

Web Developer Freelancer

Freelance

📅 Apr 2019 – Aug 2019 📍 London, UK

- Developed simple websites eg: lerenard.com, anovy.asia

Scholar Internship

BNP Paribas Corporate and institutional banking

📅 June 2016 📍 Hong Kong

- Introduction and observation of the BNP Paribas trading ecosystem through the Front/Back office and IT support staff

Assistant Sailing instructor

Aberdeen Boat Club

📅 2015 – August 2019 📍 Hong Kong

- RYA-certified assistant sailing instructor
- Developed soft skills through the teaching experience and team environment

EDUCATION

BSc Computer Science

📅 Sept 2018 – Ongoing 📍 University College London, UK

High School - French Scientific Baccalauréat and IB

📅 Sept 2015 – June 2018 📍 French International School of Hong Kong

- Obtained highest distinction

SKILLS

Programming Languages

Java, C, Python, Haskell, SQL

Web Technology

HTML, CSS, JavaScript, Bootstrap

Database

MySQL, MyPhpAdmin

OS

Windows, Linux (Ubuntu, CentOS), macOS

Version Control

Git, GitHub

Design Tools

LaTeX, Adobe creative suite: Photoshop, Premier, After effects

Languages

English, French, Mandarin, Spanish

Sport

Kung-Fu Instructor, Competitive Sailing

Music

Jazz drummer and classical pianist

SOFT SKILLS

Creativity

Collaboration

Problem Solving

Adaptability

TEACHING

Freelance Tutoring

📅 2015 – Ongoing 📍 Hong Kong

Maths, Physics, French, English, Mandarin, Piano

High School Tutoring Program

📅 2017 📍 Hong Kong

Maths, Physics, ICT

INTERESTS

Programming
Financial derivatives
Data Science

