

# NOAN LE RENARD

2nd year Computer Science student at UCL

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📍 London, UK

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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, obtained 100% in peer assessment review
- Built Java backend and GUI with Swing for database that can read/write and format JSON and CSV files
- 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 artificial intelligence in Python that can play Tetris by itself.
- 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

- Expected 2:1 Grade

### 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

### Embedded Systems

Intel Quartus Prime, Arduino

### Design Tools

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

### 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

## LANGUAGES

English

French

Mandarin

Spanish

