LPC Internship/ Graduate Programme 2021-22

We are fast-growing innovators and scientists looking for talents to build revolutionary solutions for the construction industry.

JOIN US if you are …

Enthusiastic | Problem-solving | Cooperative | Innovative | Pioneering

Software Development Trainee (Full-/Part-time)

RESPONSIBILITIES -

▪ Mentored by a Software Developer
▪ Enhance software/ web applications
▪ Design, code, system support, test and implement
▪ Design documentation and code management
▪ Bring innovative ideas to solve enterprise solutions/ smart city
▪ Technologies/ Research involved: AI/ML, Building Information Modelling (BIM), IoT, Blockchain, Cryptocurrency

REQUIREMENTS -

▪ Diploma or higher in Computer Science/ Computer Engineering/ Information Engineering/ FinTech or related field
▪ Ability to work autonomously
▪ Good written and spoken in English and Chinese
▪ Self-motivated learner, visionary thinker, cooperative teammate

SKILLS & EXPERIENCE -

▪ Basic in data analysis and automation using programming language: Python/ R/ MatLab, etc
▪ Basic in application development: object-oriented programming/ design patterns/ REST based applications/ web programming languages (PHP, etc)/ database application/ SQL, etc
▪ Knowledge in BIM and BIM software (i.e. Autodesk) is advantaged

BENEFITS -

▪ Flexible working place
▪ Working with influential experts on computing science, A.I./ M.L., information management, and digitalisation solution for AEC
▪ Participating in inventing unprecedented digital products for the construction industry which complies with international standards
▪ Opportunity to involve large-scale projects for career progression
Data Science Trainee (Full-/Part-time)

**OPPORTUNITIES -**

- Mentored by a Data Scientist
- Develop algorithms on AI/ML, data linking and analytics for software applications
- Design documentation and code management
- Bring innovative ideas to solve enterprise solutions/ smart city
- Assist R&D on intelligent system for built asset management
- Technologies/ Research involved: AI/ML, Building Information Modelling (BIM), IoT, Blockchain, Cryptocurrency

**REQUIREMENTS -**

- Diploma or higher in in Data Science/ Statistics/ Analytics/ Mathematics/ A.I./ FinTech or related field.
  Engineering/ Construction-related knowledge is advantaged
- Ability to work autonomously
- Good in written and spoken in English and Chinese
- Pioneering scientist, inventive thinker, middle-ground collaborator

**SKILLS & EXPERIENCE -**

- Basic in development of databases, data warehouses and multidimensional databases, statistical analysis and data mining, data integration, data mapping, APIs, web applications
- Experience in mainstream scripting language: JAVAScript/ VBScript/ Python, etc
- Experience in in mainstream programming language: C/C++/ C#
- Knowledge in BIM and BIM software (i.e. Autodesk) is advantaged

**BENEFITS -**

- Flexible working place
- Working with influential experts on computing science, A.I./ M.L., information management, and digitalisation solution for AEC
- Participating in inventing unprecedented digital products for the construction industry which complies with international standards
- Opportunity to involve large-scale projects for career progression
BIM Engineering Trainee (Full-/Part-time)

OPPORTUNITIES -

- Mentored by a BIM Coordinator/ Modeller/ Engineer
- Handle project BIM information
- Create BIM objects
- 3D/4D/5D BIM modelling and visualisation
- Manage BIM information over a Common Data Environment
- Confer with developer teams to integrate data and codes from various back-end services and databases
- Assist BIM implementation processes

REQUIREMENTS -

- Diploma or above in Engineering/ Architecture/ Construction/ Civil/ Structural/ Building Services or related disciplines
- Ability to work autonomously
- Good in written and spoken in English and Chinese
- Self-motivated learner, cooperative teammate, organised engineer, problem solver

SKILLS & EXPERIENCE -

- Skills in BIM / 3D modelling/ 3D visualisation software is preferred, i.e. AutoCAD, Revit, Navisworks, BIM360, Fuzor, ArchiCAD, or equivalent
- Programming skills are preferred

BENEFITS -

- Flexible working place
- Working with influential experts on computing science, A.I./ M.L., information management, and digitalisation solution for AEC
- Participating in inventing unprecedented digital products for the construction industry which complies with international standards
- Opportunity to involve large-scale projects for career progression
With over a decade practical experience in the AECO industries in the UK, China and Hong Kong, LPC’s mission is to reshape the AEC ecosystem with revolutionary products using Building Information Modelling (BIM), GIS, A.I., IoT and Blockchain technologies.

Based on our R&D achievements, our unprecedented ISO-compliant products empower individuals, brands, and the industry for the new construction normal – digitalisation, standardisation, integration, and industrialisation. To equip for this, we established Hong Kong’s first BSI- and CIC-accredited training course to cultivate the digital talents in the Asia-Pacific with the state-of-art international BIM practices.

Founded by passionate HKU researchers, we are a member company of Incu-Tech Programme of HKSTP and the first innovation start-up of the University of Hong Kong’s i5 BIM Research Laboratory that focuses on the cutting-edge technologies for smart assets.

Interested working with LPC?
Please email to info@lpchku.com or visit our website.