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MOZHDEH 'MAYA' AFSHAR

Penultimate year UCL MEng Computer Science Student
Upcoming and Former Microsoft Software Engineer Intern

EDUCATION AND QUALIFICATIONS

SEPTEMBER 2015 – JUNE 2019: UNIVERSITY COLLEGE LONDON, LONDON-UK

COMPUTER SCIENCE (MENG), FIRST CLASS HONOURS(PREDICTED)

- **Ongoing - UCL Computer Science Research Project in Theory of Computation**
  – Research project in efficient generation of expander graphs
- **Microsoft and UCL Systems Engineering Project, featured on MSDN Student Partners blog**
  – Team leader of Bot development project, using Microsoft Bot Framework and Cognitive Services
- **Winner of UCL "How to Change the World" student challenge**
  – Designing a smart safety application for pedestrians, as the leader of a multidisciplinary team.
- **Winner of UCL App Development Award of Excellence – Developed for NHS trust**
  – Team Leader of Ionic (cross-platform) app development project for a NHS client in the first year.

SEPTEMBER 2010 – JULY 2014: ABOUREIHAN HIGHSCHOOL, TEHRAN- IRAN

PRE-UNIVERSITY AND HIGHSCHOOL EDUCATION

- **Iranian Pre-University Certificate: GPA: 19.69/20** – Calculus 20/20, Discrete Math 20/20, Geometry 20/20, Physics 19/20, Chemistry 19.75/20
- **Iranian HighSchool Diploma : GPA 19.78/20** – Calculus 20/20, Algebra 20/20, Geometry 20/20, Physics 19/20, Chemistry 19.25/20
- Programming module teacher assistant

EMPLOYMENT HISTORY

JUNE 2018 – SEPTEMBER 2018: UPCOMING SOFTWARE ENGINEER INTERN, MICROSOFT (SWIFTKEY), LONDON-UK

- Full-time Software Engineer Intern, to be working in one of the backend teams at SwiftKey.

JULY 2017 – SEPTEMBER 2017: SOFTWARE ENGINEER INTERN, MICROSOFT (LIFT LONDON), LONDON-UK

- Full-time Software Engineer Intern, working on Paint 3D and UI test automation framework
- Improvement and expansion of the internal test automation framework's features and tools
- Worked on improvement of a graphical technology of Paint 3D (in C++) at Microsoft Research

JULY 2016 – SEPTEMBER 2016: SOFTWARE DEVELOPMENT INTERN, SOCIETE GENERALE, LONDON-UK

- Full-time Software Developer Intern, development of a trading software, using .NET Framework (C#, WPF, WCF)
- Design and implemention of pricing optimisation algorithms (optimal distribution in pricing tasks)
- Used MVVM Architectural pattern, Agile software development methodology (Jira) and Subversion version control

MARCH 2016 – JULY 2016: DEVELOPER, HOOHAIR. LONDON-UK

- Part-time developer working on ionic app and website development

ACTIVITIES

- **Microsoft Student Partner** – Mentoring programmes, courses and events partnership with Microsoft.
- **Former Google CodeU program participant** – Summer mentorship program by Google, mentored by Google engineers.
- **2017 UCL transition mentor** – Mentoring first year computer science students during their first term of studies
- **2016 Events Director at UCLU Technology Society (Society of the year)** – Managing events team and organising events.
- **2016 President at UCL Financial Industry Series** – UCL CS department FinTech Society.
- **2015 Mentor at HackStart and CoderDojo** – voluntarily teaching Game Development, Java, Web Development, Python and Scratch to young children in order to get them more familiar with computer science and programming.
- **Hackathon organiser, volunteer and participant** – More than 15 hackathons across the UK

SKILLS

PROGRAMMING	Java, .NET Framework (C#, WPF, WCF, etc.), C, HTML, CSS, JavaScript, jQuery, Bootstrap, Ionic framework, Node.js, XNA Game Framework (C#), Basic C++, Basic Python, Basic Haskell
TECH SKILLS	Unix, Git, Subversion, Competitive Programming, Microcontroller Programming (Arduino), Cloud services (Azure), Machine Learning tools (MS Cognitive Services), Pen-testing tools
LANGUAGES	Farsi (Native), English (Fluent), French (Lower Intermediate – ongoing), Arabic (Elementary)

LINKS

LINKEDIN	https://uk.linkedin.com/in/afshar95
GITHUB	https://github.com/chilichilimo

Updated December 2017