Tai Fa Tang

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PROFILE

Real programmers count from 0. A leap of faith was taken 7 years ago when Tai found a natural flare within software development, in which developed into great passion. From this, Tai abandoned his biomedical background taking him back to zero and tackled programming heads on. Being entirely self-taught, Tai takes programming very seriously both at work and at home and always sees beyond the scope. Software developers like to solve problems. If there are no problems readily available, Tai will create his own problems!

PORTFOLIO & LEARNING PROFILE

- Personal website & Portfolio: https://taifatang.github.io
- LinkedIn Profile: https://www.linkedin.com/in/tai-fa-tang-732491a4/

SKILLS & ACHEIVEMENTS

MCSD: Web Applications Solutions Developer
- MCPS: Microsoft Certified Professional
- MS: Programming in HTML5 with JavaScript and CSS3   **PASS**
- MS: Programming in C#   **PASS**

NVQ Level 2 Spectator safety Security, City & Guilds
- NVQ Level 2 Spectator safety Security, City & Guilds   **PASS**

Hackathon – Charity Special Effect 2017 Hacker Games
- First place winner of the Charity hosted "Hacker Game" from a small team of 5 formed within ASOS

Training
- Security Compass – CSP103 – Secure Software Design   **Up to date**
- Security Compass – SEC101 – OWASP Top 10   **Up to date**
- Microsoft – Service Fabric Hack Fest   **2017**
- Cigital – Security OWASP Top 10   **2017**
- Codurance – Software Craftsmanship 12 weeks programme   **2017**

WORK EXPERIENCE

Trainline, 120 Holborn, EC1N 2TD, London   **2021 - Present**
- *Senior Software Engineer*
  - **Extra Tools**: AWS Lambdas, Terraform, Spacelift, Linux

Trainline, 120 Holborn, EC1N 2TD, London   **2018 - 2021**
- *Agile Developer*
  - **Languages**: C#, Javascript, HTML5, CSS, SQL
  - **Tools**: Jira, Kibana, New Relic, Pager Duty, TeamCity
  - **Framework**: AWS , Net Core, Vue.js,
  - Event sourcing with HATEOAS for payment phase management
  - Leading card security code tokenisation, 3DSv2 roll out across 15+ channels
  - Leading fraud and payment projects, facilitating discussions with stakeholders
  - Curating documentations and charting for business metrics
  - PCI compliant development and sensitive data tokenisation
  - Trialling mission team, cross functions collaboration
  - Out of hours support
  - Interviewing candidates

ASOS.com, Greater London House, Hampstead Rd, NW1 7FB, London   **2016 - 2017**
- *Software Engineer*
- *A.I Chatbot*
  - **Languages**: C#
  - **Tools**: VSTS, App Insight, CosmoDb, Octopus
  - **Framework**: Azure , Net Core, Service Fabric
  - A.I. Natural Language Processing
  - Facebook Messenger Platform Development
  - Full software development life cycle
  - Internal tech start-up (prototyping, MVP, weekly sprint, user testing)

- **Authentication & Identification**
  - **Languages**: C#, JavaScript
  - **Tools**: TFS, Azure Management Studio, NServiceBus, Service Pulse, IIS
  - **Framework**: Azure, Net Framework,
  - Customer Profile, Sign on and Log out
  - Customer JWT token management
  - OAuth, OpenID Connect, Tokenised API Access
  - Security first cloud based Micro-services
  - Acceptance Test Driven Development (Specflow)

Onalytica, Unit 2, Baden Place, Crosby Row, SE1 1YW, London   **2015 - 2016**
- *Software Engineer*
  - **Languages**: C#, CSS(SASS&LESS), HTML5, JavaScript, SQL
  - **Tools**: VivfyScrum, Trello, Elastic Search Azure, App Insight, IIS
  - **Framework**: AWS, Azure, Net Framework, Angular.js, Backbone.js, NodeJs,
  - Maintaining existing and developing new product
  - Learning JavaScript and relevant frameworks from ground zero
  - Ingesting large volume of data from Twitter's GNIP API.
  - Agile and start-up culture
  - Full stack involvement

Boots Opticians, 44-46 Regent Street, W1B 5RA, London   **2014 - 2015**
- Optical Consultant

Longdan, 25 Hackney Road, E2 7NX, London   **2014 - 2014**
- Administrator

EDUCATION

Junior C# & .NET Developer, Just IT   **2015 - 2016**
- Great in depth knowledge of C# and .Net Framework
- Good understand of OOP, SOLID and TDD principle
- Understanding Core function of ASP.NET, Entity Framework, LINQ and SQL
- knowledge of Bootstrap, JavaScript, HTML5 and CSS3 for web development

MSc Forensic Medical Science, Queen's Mary University   **2013 - 2014**

BSc (HONS) Biomedical Science Honours, Middlesex University   **2010 - 2013**

INTERESTS

- Crafting SOLID code adhering to Manifesto for Software Craftsmanship's standard
- Seeking the best of other programming paradigms. Swift, Typescript, C++ etc
- Explore mobile development, UI & UX designs with Sketch and XCode