Tai Fa Tang

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Profile

Real programmers count from 0. A leap of faith was taken 2 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

- University projects and reports: http://taifatang.com/projects.html
- Personal website & Portfolio: http://taifatang.com

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
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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 **2018**
- Security Compass – SEC101 – OWASP Top 10 **2018**
- 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 **2018 - Present**
- *Agile Developer*
  - **Languages**: C#
  - **Cloud**: AWS
  - **Tools**: Visual Studio 2017, Git, Jira, Kibana, New Relic
  - RESTful API with HATEOAS for payment phase management
  - Working with popular Payment Service Provider, CyberSource, Braintree, Adyen
  - Supporting and migrating legacy system
  - PCI compliant development and sensitive data tokenisation
  - Nano-services architecture
  - Stringent Logging across domain

ASOS.com, Greater London House, Hampstead Rd, NW1 7FB, London **2016 - 2017**
- *Software Engineer*
- *A.I Chatbot*
  - **Languages**: C#
  - **Cloud**: Azure, App Insight, Event Hub, CosmoDb, Service Fabric Cluster
  - **Tools**: Visual Studio 2017, Postman, GitKraken, VSTS, Git, HyperJs Terminal

- A.I. Natural Language Processing
- C#, .Net Core, Service Fabric, WebAPI, ASP Net MVC
- Facebook Messenger Platform Development
- Full software development life cycle
- Internal tech start-up (prototyping, MVP, weekly sprint, user testing)

- **Authentication & Identification**
  - **Languages**: C#, Javascript
  - **Cloud**: Azure, App Service, Traffic Manager, NServiceBus, Service Pulse
  - **Tools**: Visual Studio 2015, Fiddler, TFS, Visual Studio Code, Azure Management Studio
  - Dedicated to authentication, Customer Profile, Sign on and Log out
  - OAuth, OpenID Connect, Tokenised API Access
  - Enterprise architecture & Security first, Cloud based Micro-services
  - ATDD, Specflow, .NET, ASP.NET MVC

Onalytica, Unit 2, Baden Place, Crosby Row, SE1 1YW, London   **2015 - 2016**
- *Software Engineer*
- **Languages**: C#, CSS3(SASS&LESS), HTML5, JavaScript, SQL
- **Cloud**: AWS, Elastic Search Azure, SQS, App Insight, Virtual Machine Remote deployment.
- **Tools**: Visual Studio 2013, SourceTree, Git, VivfyScrum, Trello
- Maintaining existing product and full responsibly on product development,
- Manipulating big data from Twitter, GNIP etc. and building big data validation from ground up for the business
- Heavy Full stack involvement .NET, ASP.NET MVC, JQuery, AngularJS, NodeJs, Backbone, Bootstraps, MOQ, Git, etc.

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

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

Ba Shan, 24 Romilly Street, W1D 5AH, London   **2014 - 2014**
- Waiter

Reku Zen, 85 High Street, BR6 0LF, Orpington   **2013 - 2013**
- Waiter

Sword Security Limited, 7 Beaufort Court Admirals way, E14 9XL, London   **2012 - 2013**
- Spectator Safety Steward

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