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| **Tom S. Gao**  “Full Stack” Software Developer  Los Angeles, CA |  | Cell: (619)942-4433 Email: mrtomgao@gmail.com  Website: [mrtomgao.github.io/hello](http://mrtomgao.github.io/hello) |

**Technical Competency**

* **C#, Linq, ECMA/Js, HTML, CSS, Node, React, Python, PHP, SQL, NoSQL, XML/XSD/XSL**
* **Web API, WCF, Message Queue, Task Parallel Threading, xUnit, nUnit, Selenium, Gherkin Automated Testing, API Testing, Continuous Integration**
* **MVC, MVVM, SOA, Micro Services, SOLID, TDD, Factory, Dependency Injection**
* **.NET Core/Standard, Git, TFS, SQL Automation, Azure Web Apps, AWS EC2, MongoDB Atlas, Socket.io, Docker**
* **Agile/Scrum, XP**

**Professional Timeline**

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| **Programmer/Analyst III Asst. Vice President** | *Jun 2018* – **Current Position** |
| **City National Bank**, Los Angeles CA | www.cnb.com |
| * Lead development on projects involving ETL, Message Integration w/ 3rd party vendors (FIS, TSYS, iPay, International ACH, Cashet), Batch Processing, Client-Interfaces in all phases of the SDLC. * End-to-End implementation of new Financial Integration Services, including: business rules/technical req. gathering, time estimation, user-story grooming, architectural documentation, establishment of C.I. and deployment pipelines, leading QA in writing unit-tests and defining acceptance criteria. * Engage in scrum teams between 4-8 people, in collaboration with other teams to develop components of larger cohesive systems. * Guide Jr. Developers and Contractors in patterns and “best practice” standards. Participated in Code Reviews and Refactoring to improve quality and performance. * Tech: .NET Core 2.2, C#, WebAPI, SOAP, XML Schemas, SQL Server, BizTalk, Gherkin, MuleSoft, Akana API Gateway, Azure Functions, Selenium, Docker, GitHub, JIRA, MS DevOps, SQL Change Automation | |
| **Web Applications Developer** | *Nov 2016 – Mar 2018* |
| **Extron Electronics**, Anaheim CA | www.extron.com |
| * Member of Web Development team in which we created Rich Internet Applications for our clients. These included Builders, Calculators, and Configuration tools similar to those of a Car Manufacturer’s website in which you can design your own build. * Lead Proof of Concept efforts for a redesign of our consumer facing web site. This included a complete framework revamp to an MVC / WebAPI / SOA decoupled framework. * Tech: .NET Core, C#, MVC 5, React, Node, Entity Framework, Linq2Sql, Dapper, SQL Server, JavaScript, SCSS, WebAPI, Git, OAuth 2.0 | |
| **Web Developer** | *Aug 2016 – Nov 2016* |
| **Illumina**, San Diego CA | www.illumina.com |
| * A short contract to create a new Employee Onboarding Web App. This included Progress Tracking, Interactive Clickable-Videos, Quiz, Certificate Issuance, and SSO Integration. * Tech: Js, HTML, WebAPI, SCSS, Photoshop | |
| **Database Programmer** | *Nov 2008 – May 2013* |
| **Henry M. Jackson Foundation**, NHRC San Diego CA | www.hjf.org |
| * Development and Support of an application written to provision DNA sequencing Run Analysis and Reporting for PCR, Virology, and Bacteriology. * Lead R&D on an “Intelligent” data mining application, which detected patterns in Light Cycler readings and notified the Researchers. * Assisted in data collection/reporting with first discovery of H1N1 (Swine Flu) Pandemic case in USA. * Tech: .NET 4, C#, WPF, SQL Server, SSIS, SSRP, HL7 XML/Json | |

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| **Web Programmer** | *Sep 2004 – Nov 2008* |
| **San Diego County Office of Education**, San Diego CA | www.sdcoe.net |
| * Developed and supported a Suite of Web-Based Online Learning Resources. This included design implementation of Client-Facing media experiences coded in ActionScript and CF. * Development of CRM system which tracked Login, Access, and Subscription to Applications and Resources * Tech: ASP.NET Webforms, PHP, JSP, Moodle, Drupal, JavaScript, CSS, SQL Server, Flash, ActionScript, ColdFusion | |

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| **Web Intern** | *Summer 2004* |
| **La Jolla Institute for Immunology**, La Jolla CA | www.lji.org |
| * I was a Development Assistant in which I helped w/ extending functionality to the TIDE Laboratory Information Management System (Web App). This was used to conduct Allele Assays and store results for reporting and high-level purchasing decisions. * My daily duties included creating new/extending existing data input forms (PHP, MySQL). There was also an automated file reading app that picked up Laboratory Machine Data that was developed in C++ which I supported and added parameters to. * Tech: PHP, C++, SQL Server, CSS, HTML | |
| **Bachelor of Science** | *Fall 2000 – Winter 2004* |
| **California State Polytechnic University**, Pomona CA | www.csupomona.edu |
| Computer Information Systems, *School of Business Administration* | |