

# Martyn Fung

Full Stack Developer | mknfung@gmail.com

[linkedin.com/in/MartynFung](https://www.linkedin.com/in/MartynFung) | [github.com/MartynFung](https://github.com/MartynFung) | cell: 925-395-7179

## EXPERIENCE

**Full Stack Developer Eleveight** | Irvine, CA

**April 2018 - Present**

**Eleveight** is a platform for scholarships, internships, jobs and organization case management to connect schools, students and funding organizations.

- Created a **Data Visualization** page to display scholarship demographic information in a list of pie charts by category. Utilized pivot tables, dynamic SQL, and User Defined Tables to aggregate data from various relational tables in our SQL Server Database. This T-SQL stored procedure gathered data from different tables dynamically depending on the demographic category. Data was output as a JSON object, transferred through the C# .NET layer, then parsed on the front end to display chart data. Included ability to download chart data as a .CSV file for quarterly reports.
- Developed the **Keyword Input and Search** component to allow users to find scholarships based on the keywords that they subscribe to. Integrated SendGrid email delivery service in the C# middle tier so that users would receive email alerts for new scholarships matching their subscribed keywords. Included feature that enabled students to contact scholarship organizers via email. Upon contacting or applying to a scholarship, a record would be entered into the SQL Server Database to track the contact/application status.
- Constructed **Scholarship Dashboard** page that allowed a funding organization to manage scholarships. Page data was generated based on the currently logged-in user's organization ID obtained via Redux. Implemented server side pagination to load only a subset of scholarships based on page number to maximize efficiency. Built forms to submit scholarships using both front and back-end validation.
- Composed RESTful Web API endpoints that handled HTTP requests and data transfer with the SQL database.
- Formulated reusable chart, modal, and button React components used sitewide.
- Attended daily SCRUM stand ups, weekly client demonstrations, strict code review process, and technical presentations to develop the team.
- Adhered to team and industry standards with respect to API design, ES6 coding style, CSS selector conventions, promise handling, and secure authentication handled using cryptography and model validation in .NET.

**IT Support Engineer KME Systems Inc** | Lake Forest, CA

**June 2017 - April 2018**

- Performed system administrator roles such as user management and supervision of file permissions via Active Directory.
- Provided on-phone and online support for many local businesses to facilitate effective operation of IT resources.
- Assessed impact of incoming requests and prioritized them in a fast paced, high-pressure environment.
- Used ticketing software to document issues, communicate with clients, and provide follow up contact.
- Utilized remote management software to assist in recovering a CEO's stolen laptop.
- Built and configured virtual machine labs using VMWare for various phone and networking tests.

**Emergency Medical Technician Shoreline Ambulance** | Huntington Beach, CA

**Nov 2016 - June 2017**

- Proactively triaged multiple patients after traffic accidents to allocate care and resources in high-stress situations.

## TECHNICAL PROFICIENCIES

**Skills:** C#, ADO.NET, MVC, SQL/T-SQL, Stored Procedures, React, Redux, JavaScript, TypeScript, jQuery, Bootstrap, HTML5, CSS3, Object Oriented Programming, Agile/Scrum Methodologies, Web API, JSON, XML, AJAX, LINQ

**Software:** Visual Studio/VS Code, SSMS/SQL Server, NPM, Git, GitHub, TFS Version Control, Trello, Chrome Dev Tools, REST Client, VMWare, Active Directory, SharePoint

## EDUCATION

**University of California, Irvine** | **BS Biological Sciences** | **Minor - Business Management**

**June 2016**