# Edward S. Le

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| Location: | Garden Grove, CA | | |

## EDUCATION

- Pursuing: Master in Computer Science - California State University, Fullerton
- 12/2019: Bachelor of Science in Computer Science - University of California, Irvine

## EXPERTISE

- Full Stack Web Developer (4+ years)
- Coding & Programming (4+ years)
- Database (4+ years)
- Artificial Intelligence (entry level)
- Machine Learning (entry level)
- Data Science (entry level)

## COMPETENCIES

- Analytical
- Problem solving
- Technical skills
- Attention to detail
- Quality management
- Willing to learn

## EXPERIENCE

- UX and UI design
- Responsive and Mobile design
- Git/GitHub
- RESTful services and APIs
- Development,Testing
- Software Engineering

## SKILLS

**Frontend:** jQuery, JavaScript, TypeScript, HTML5, CSS3, Sass, Tailwind CSS, Bootstrap.
**Backend:** Java, Python, C, C++, C#, PHP, Node.js
**Database:** JSON, XML, SQL, GraphQL
**Hosting:** Netlify, Github Pages, Heroku, Godaddy, InMotion
**Cloud:** Google Cloud Platform, Amazon Web Services (AWS), Microsoft Azure Cloud
**Deploy:** Git, FTP/SFTP, SSH
**Others:** x86 Assembly, Shell Scripting

## FRAMEWORKS AND TOOLS

NPM, Express, Vue, React
Laravel, Drupal, Shopify, OctoberCMS
Pytorch, Django
Svelte
LDRA, LabVIEW, JMeter, Postman, Jest/Enzyme
Photoshop, Illustrator, Premiere, After Effects

## WORK HISTORY

| 6/2021 - now | **Jr. Software Developer** at Dental Game Plan | Montrose, CA |
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- Duties include programming and server management and security.
- System troubleshooting.
- Bug fixes and system optimization.

| 5/2018 - 6/2021 | **IT Technician** at Vietsky Television | Garden Grove, CA |
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- Responsible for maintenance and support of the company computer systems and network.
- Various work including recording and editing events: operating the lights for video productions, setting up cameras, recording live events.
- Experience working with YouTubers, editing social media videos.

| 10/2020 - 11/2020 | **IT Technician** at Los Angeles County Election | Long Beach, CA |
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Experienced a FST (VSAP Field Support Technician) onsite at a live voting center with Syncing ePollbooks and Ballot Marking Device (BMD):
- Troubleshoot software, hardware, applications for voting booths or other peripherals
- Estimated Wait Times: provide information on wait times at our Vote Center Long Beach during peak voting periods.

| 8/2018 - 2/2020 | **Web Application Developer** at BolsaGroup | Garden Grove, CA |
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- Developed full-stack websites using:
  - Front-end: HTML, CSS, CSS3, jQuery, Bootstrap, JSON, NodeJS, VueJS
  - Back-end: Laravel, Core PHP, Java, MySQL, XML
- Integrated front-end with back-end frameworks and services such as October CMS and Shopify

| 5/2016 - 5/2018 | **Delivery driver** Domino's Pizza | Garden Grove, CA |
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- Responsible for the prompt delivery of orders.
- The average delivery time was 7.64 minutes per order.

| 9/2015 - 2/2016 | **Manager** at T-Mobile retailers | Santa Ana, CA |
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- Maintain knowledge of current promotions and policies regarding payments and exchanges, and privacy practices.
- Took care of 50+ customers every month, and opened 220+ new accounts.
- Awarded "Employee of the Month" honor on multiple occasions.

| 6/2014 - 9/2015 | **Web developer** at Wire-Outlet Inc. | Westminster, CA |
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- Involved in the Full Life Cycle of Software Development Life-Cycle (SDLC) preparing Requirement Specification documents, design documents, test cases, and analysis, user training documents and technical help documents.

| 5/2010 - 5/2013 | **Web designer** at WORLD Corp. | Vietnam |
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- 3 years of strong experience in front-end designing.
- Created 100+ templates selling on ThemeForest.
- Joined the core team of the company and developed successful 100+ web pages.

## PROJECTS IN SCHOOL

| 3/2019 - 6/2019 | Machine Learning: *Image Denoising Using Deep Neural Network* |
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| | ● Source code: https://github.com/edwardsle/imagedenoise.git<br>● Designed and implemented a Deep Neural Network to denoise images using Python and Google Cloud Virtual Machine<br>● Accomplished 8.34% overall improvement in denoised photos compared to 11.14% of state-of-the-art BM3D method |
| 1/2019 - 3/2019 | Artificial Intelligence: *Genetic Algorithm in OpenAI Gym* |
| | ● Source code: https://github.com/edwardsle/Genetic-Algorithm.git<br>● Optimized and evaluated an algorithm to train an animated actor in simulation using Python in Ubuntu<br>● Achieved a 20% better score compared to a published result from UC Berkeley |
| 3/2018 - 5/2018 | Data Science: *Search Engine* |
| | ● Source code: https://github.com/edwardsle/Search-Engine.git<br>● Created an inverted index of a given 37,500 HTML files corpus and imported it to MySQL<br>● Implemented a search engine using TF-IDF ranking, Java EE<br>● Designed a web interface for the search engine using Bootstrap, Vue, JSON |
| 3/2018 - 5/2018 | Web and Mobile: *Fabflix - E-commerce Web Application on AWS* |
| | ● Source code: https://github.com/edwardsle/Fabflix<br>● A website functions similarly to Netflix (browsing, searching, and purchasing movies from a remote server).<br>● Implemented on AWS using a variety of Java, Javascript, servlets, HTML, Apache Tomcat, AJAX, CSS files, and XML files to create the website while also being linked to a MySQL database.<br>● Increased scalability and security by implementing ReCaptcha, cookies, and load balancing via master-slave instances.<br>● At the end of the project, we are also required to build a simple android app that can access data from the MySQL database. |
| 1/2018 - 3/2018 | Operating System: *Modularity using client-server design* |
| | ● Principles and practice of engineering of computer software and hardware systems.<br>● Strong modularity using client-server design, virtual memory, and threads;<br>● Networking stack<br>● Coordination of parallel activities<br>● Security and encryption.<br>● Windows development platform & GUI |
| 1/2017 - 5/2017 | Data Structure: *Advanced Data Structures* |
| | ● Multilevel view of system hardware and software.<br>● Operation and interconnection of hardware elements.<br>● Fundamental data structures and algorithms.<br>● Storage allocation and memory management. |

## PROJECTS IN WEB DEVELOPING

| 2019 | The Aura - an online beauty school |
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- https://beautylicensing.com/
- We created this page with WIX, a website builder, at the client's special request. The goal of this project is to bring a new modern style interface and be consistent with the brand identity.

| 2019 | CL Constructions - construction services |
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- http://clconstructionssa.com/
- A WordPress project at the request of the client after the owner lost his access to his website. Owners urgently need a new website within a week and it must function exactly the same as the site was lost.

| 2018 | A52usatrading |
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- http://www.a52usatrading.com/
- Portfolio website - a creative project designed to reflect the owner's experience and to show his skills. The main website element is the gallery (the works performed) by using Laravel and jQuery.

| 2018 | NhaDatUSA |
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- http://bannhadatusa.com/
- Bootstrap, Laravel, MySQL

| 2018 | Mimi's Nails Spa |
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- http://mimisnails.com/
- Bootstrap, Laravel, MySQL

| 2017 | Khoi Hanh Magazine |
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- https://tapchikhoihanh.com
- Bootstrap, Laravel, MySQL
- A cultural and artistic magazine of the Vietnamese community in the US. Digitizing the 60-year-old magazine by using Laravel, VueJS and MySQL.

| 2017 | 55Moving |
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- http://55moving.com/
- Bootstrap, Laravel, MySQL

| 2014 | LSWCMS |
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- http://wo-town.com/lswcms/
- The owner needed a system to manage his three phone-repair shops
- The system manages employees, inventory, and daily income.
- Daily report; Inventory report; Employee timesheet;
- Implemented on GoDaddy using pure PHP and JavaScript linked to a MySQL database.

**My Portfolio is available at: https://edwardsle.github.io/**