

# JAE YIM

(818) 967-8929 ◇ Los Angeles, CA ◇ US Citizen

[jaeyim8929@gmail.com](mailto:jaeyim8929@gmail.com) ◇ [in/jae-hyun-yim-902702162/](https://in/jae-hyun-yim-902702162/)

## OBJECTIVE

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Seeking a Software Engineer position where I can continuously grow my knowledge, skills and expertise, take on challenging projects, and work with a team of experienced professionals to drive innovation and deliver impactful software solutions.

## SKILLS & INTERESTS

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<b>Languages &amp; Databases</b>	Go, Python, C++, TypeScript, C#, PostgreSQL, MySQL
<b>Tools</b>	Docker, Kubernetes, Vim, Git, Redis, Kafka, AWS
<b>Interests</b>	Taekwondo, Surfing, Landscape Drawing, Hiking

## EXPERIENCE

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<b>Software Engineer</b>	Oct 2021 - Present
Twilio	<i>Remote - Los Angeles, CA</i>

- Managed the billing team responsible for processing monthly invoices and ensuring timely payments from customers
- Designed and built a new automated catalog-driven billing system with ramping and partitioning capabilities, resulting in a 30% increase in billing accuracy
- Successfully led a project to integrate a new cloud-based billing system (Zuora) resulting in a 20% increase in efficiency and accuracy of billing processes
- Developed and implemented billing processes to improve accuracy, efficiency, and customer satisfaction

<b>Software Engineer</b>	May 2020 - Oct 2021
Naval Surface Warfare Center/Tactical Engineering & Analysis	<i>Remote - Norco, CA</i>

- Decreased data processing time by 10 times by implementing caching and multiprocessing
- Migrated over from a legacy system and increased extensibility and maintainability by applying object-oriented system design patterns to decrease turnaround time by 7 times

<b>Software Engineer</b>	July 2019 - April 2020
Allvue Systems	<i>San Diego, CA</i>

- Increased maintainability and re-usability by refactoring tightly coupled legacy code
- Maintained and supported Everest Core services
- Developed and maintained automation testing framework using C# with over 400+ test suits and 90% test coverage to reduce failures

<b>Software Engineer Intern</b>	July 2018 - Sept 2018
Earny	<i>Los Angeles, CA</i>

- Reduced monthly database costs by 2% by creating a Redis cache of user object queries
- Reduced overall downtime by 10% by integrating Pingdom and Nagios to alert of any failing service
- Re-architected critical email processing service to support Google privacy restrictions by automatically parsing and sending over 363 millions email receipts across 3 million users
- Built backend APIs to integrate Plaid to automate manual claim processing for users

## EDUCATION

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**B.S. of Computer Science**, University of California, Riverside

2019