

# Benny Lim

## Software Engineer

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### Skills

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**Spoken Languages:** English (full proficiency), Mandarin (conversational)

**Programming Languages:** TypeScript (Angular), Python, HTML, CSS, SQL (MySQL)

**Software/Tools:** RESTful API, Figma, Elasticsearch (ELK), Grafana, Serenity BDD, Selenium, Bitbucket, Git, Jira, Jenkins, Confluence

**Operating Systems:** Windows, Linux, AIX

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### Experience

#### DBS Bank | Enterprise Software Engineer

AUGUST 2018 - PRESENT, SINGAPORE

- **As UI/UX engineer (2021 - Present)** - Designed, built, and currently leading a bank-wide Angular component library serving all enterprise applications.

Collaborated with users and UX designers to re-platform, design, and build a bank-wide finance management platform.

- **As QA engineer (2020 - 2021)** - Built and maintained an automated functional regression testing suite using Serenity BDD which reduced monthly toil by ~100 hrs.
- **As full-stack engineer (2018 - 2019)** - Designed and built finance dashboards using Grafana, Elasticsearch, and MySQL to publish critical live data which currently serves hundreds of daily users.

#### World Scientific Publishing | Editor

FEBRUARY 2018- JULY 2018, SINGAPORE

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### Publications

#### Prime Numbers Generated From Highly Composite Numbers

[PARABOLA](#) (UNSW), VOLUME 54, ISSUE 3, DECEMBER 2018

An exploratory paper in Number Theory.

#### On the Infinitude of Twin Primes | DECEMBER 2023

Another exploratory paper in Number Theory, focusing on the Twin Prime Conjecture. [Pending publication.](#)

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### Education

#### National University of Singapore / B.Sc Physics

AUGUST 2013 - AUGUST 2017, SINGAPORE

Majored in Physics with a focus in Astronomy, Number Theory, and Computer Science.

#### Nanyang Junior College / GCE A-Level

JANUARY 2009 - DECEMBER 2010, SINGAPORE

Made the honour roll for excellent A-Level results.