

hi@chenliang.ca  
(780) 245-0708

# Chen Liang Full-Stack Software Developer

🌐 chenliang.ca | 🌐 /mrchenliang | 🌐 /in/mrchenliang

## Skills

### Languages

TypeScript,  
JavaScript, Python,  
Java, Ruby,  
HTML/CSS, SQL

### Frontend

React, Redux, Vue,  
Vuex, Bootstrap

### Backend

Node.js, Express.js,  
Ruby on Rails,  
GraphQL,  
WebSocket,  
PostgreSQL, MySQL,  
MongoDB, Docker

### DevOps Tools

Heroku, AWS  
(EC2/S3/Lambda)

### Design Tools

Figma, Adobe XD,  
Photoshop, Sketch

### Agile Tools

JIRA, BitBucket,  
GitHub, Slack,  
CircleCI

### Interests

Entrepreneurship,  
Leadership  
Development,  
Basketball, Traveling

**Summary** Dynamic software engineer with the ability to develop simple solutions to tackle complex challenges through elegant designs while adapting to different business demands.

## Experience

### Arternal (Toronto, ON/Remote)

Arternal helps galleries deepen relationships & leverage data to drive more sales.

#### Software Developer II

Jun '20 - Present

- Joined as employee #6, built products that helped grow revenue by 3x, increase team size to 20+, and raise 2M in seed funding.
- Developed server-side online viewing rooms feature to migrate sales online.
- Implement user tracking and developed user flow analytic using Mixpanel.
- Developed an improved invoicing system leveraging TaxJar to detect Economic Nexus and automatically corresponding calculate taxes.
- Developed full-stack features using TypeScript, Node.js, GraphQL, Vue.js, Docker.
- Provided mentorship, and guidance to junior members and interns.

#### Software Developer I

Oct '19 - Jun '20

- Developed multi-price live currency conversion feature leveraging fixer.io API.
- Revamped customizable PDF generation feature to utilize AWS Lambda.
- Created client onboarding data migration scrapping tools using Python.
- Conducted QA test specifications for function, regression, and performance.
- Designed and developed custom front end UI/UX features from ideation to production to meet customer requests.

### Global Management Trainee, AB InBev (New York, US) Aug '18 - Jun '19

- Competitive program with roles in sales, marketing, and operations. (9/1500)
- Developed a sales strategy through data analysis; aimed at growing the premium segment by recommending SKUs, brands, and styles.
- New product marketing lead: identified white spaces, trends, and brand ideals.

### Facilities Engineer, Nexen Energy (Calgary, AB)

Jan - Sept '17

- Created dynamic simulation models to visualize LNG plant process.
- Provided technical support to advance the project in the aspect of project development, energy intensity calculations, economics, and emissions modeling.

### Process Engineer, Shell Canada (Calgary, AB)

Jan - Sept '16

- Developed and executed water usage reduction projects using data analysis; eliminated \$1M+/yr in operating cost and reduced energy intensity by 5%.

## Other Experience

### Mentor, Lighthouse Labs (Toronto, ON/Remote)

Oct '20 - Present

- Individual mentorship with bootcamp graduates throughout their first role to build a solid foundation on technical subjects and support in career development.

## Education

### Web Development Certificate, Lighthouse Labs (Toronto, ON)

'19

- An immersive project-oriented full-stack web development program (700+ hr).

### B.Sc in Engineering, University of Alberta (Edmonton, AB)

'18

- Major: Chemical Engineering; Awarded \$10,000+ in Scholarships.

## Projects & Interests

### Freelance Web Design

- Developed and hosted websites for individuals, businesses, and nonprofits.
- Experienced with WordPress, Shopify, and SEO.

### PartyPic

- PartyPic is a co-op Pictionary game built using React.js and Socket.IO.

