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(780) 245-0708  
Toronto, Canada

## Skills

### Languages

TypeScript,  
JavaScript, Ruby,  
Java, Python

### Front End

React, Redux, Vue,  
Vuex, Bootstrap

### Back End

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

### DevOps Tools

Docker, AWS/EC2,  
Heroku, Cypress

### Design Tools

Adobe XD, Figma,  
Photoshop, Sketch

### Agile Tools

JIRA, BitBucket,  
Github, Slack,  
CircleCI

### IDEs

Xcode, VS Code

### Other Tools

WordPress, Shopify,  
MS Office

### Interests

Web Development,,  
Entrepreneurship,  
Development,  
Basketball, Traveling

# Chen Liang Full Stack Developer

🌐 [chenliang.ca](https://chenliang.ca) — 🌐 [/mrchenliang](https://mrchenliang.com) — in [/in/mrchenliang](https://in.linkedin.com/in/mrchenliang)

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

## Experience

### Arternal (Toronto, CA/Remote)

Arternal helps galleries and auction houses build relationships & increase revenue  
**Software Developer I** Jan '20 - Now

- Developed application features using Node.js, GraphQL, Vue.js, Docker.
- Developed server-side online rooms feature to migrate sales online.
- Implement user tracking and developed user flow analytics using Mixpanel.
- Designed and developed front end UI/UX features from ideation to production.
- Worked in an Agile environment leveraging JIRA, BitBucket, CircleCI.

### Software Developer Intern

Oct - Dec '19

- Revamped customizable PDF generation feature to utilize AWS Lambda.
- Created client on-boarding data migration scrapping tools using Python.
- Conducted QA test specifications for function, regression, and performance.

### Global Management Trainee, AB InBev (N. America)

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; established key operating conditions and parameters.
- Provided technical support and project guidance with regards to project development, energy intensity, economics and emissions modeling.

### Process Engineer, Shell Canada (Fort McMurray, AB)

Jan - Sept '16

- Developed sustainable hot process water (HPW) reduction projects to lower production energy intensity using data analysis.
- Reduced OPEX by C\$1M+/yr while eliminating HPW usage and GHG by 5%.

### Project Engineer, West Fraser Timber (Slave Lake, AB)

Jan - May '15

- Implemented & optimized waste heat recovery of turbine exhaust for the drying process, which offset NG by C\$0.5M/yr, without degrading products.

## 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)

'13 - '18

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

## Projects & Interests

### Web Design, Freelance

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

### PartyPic



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

### Scheduler



- Scheduler is a react app to schedule interviews, with WebSocket support.

### TinyApp



- TinyApp is a web app built with EJS, Bootstrap that shorten long URLs.