

# gordon le

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## experience

**software engineer intern** @ wish sept '20 - now

- currently working on the **marketplace logistics team**

**software engineer intern** @ linkedin jan - apr '20

- wrote **sql** queries to centralize and summarize key ads data collection
- composed **jupyter notebook** to streamline algorithmic testing and analysis
- researched trends in data to develop a new mathematical algorithm for ad bidding
- implemented and rigorously tested new algorithm in **java**, resulted in a **XX%** increase in revenue, **XX%** increase in budget utilization and **XX%** decrease in over delivery

**software developer engineer intern** @ amazon may - aug '19

- utilized **ruby** scripting and internal templating tools to shorten test rig production time by **400%** (20 to 5 days)
- eliminated inefficiencies, saving **\$1000+** per subsequent test rig deployment
- investigated bottlenecks in **aws sqs** testing environments and consolidated user needs to draft proposal

**full stack web developer intern** @ imagine communications may - aug '18

- utilized **angular**, **html/css**, **javascript** to conduct front-end development using **mercurial** version control
- upgraded core components from **angularJS** to **angular6** to improve quality and structure of code
- spearheaded creation of new components and features for key clientele

## projects

**wlp4 compiler** apr '19

- produced a compiler using **C++** for **wlp4**, a fabricated language similar to C
- fully developed tools for **lexical**, **syntactical** and **semantic analysis** to output **MIPS** assembly code

**biquadris** nov '18

- developed a fully-functional two-player video game inspired by Tetris with **C++**
- implemented and designed a graphical user interface using **x window system** to enhance user experience
- utilized **object-oriented design patterns** such as factory and decorator patterns to optimize maintainability

**personal website** oct '18

- personal portfolio built with components and services using **angular** and **less**
- designed web layout and UI using **adobe photoshop** to enhance aesthetic appeal
- took advantage of Angular's page routing and automated DOM rendering to optimize user experience

## skills

### languages

javascript  
python  
C / C++  
ruby  
racket  
sql

### web dev

angular  
react.js  
html / css

## awards

### shad

john dobson  
entrepreneurial cup  
oct '16

### dean's list

> 87% term average  
spring '20

## education

**university of waterloo**  
class of '22  
bachelor's of computer science  
3.8 gpa

## interests

personal fitness  
hip hop  
marvel movies  
ultimate frisbee  
music production