

# gordon le

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## experience

### software engineer @ 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, resulted in a **XX%** increase in revenue, **XX%** increase in budget utilization and **XX%** decrease in over delivery

### software developer engineer @ 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 @ 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

### 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

## education

### university of waterloo

class of '22  
bachelor's of computer science  
3.8 gpa

## interests

a cappella  
hip hop  
marvel movies  
ultimate frisbee  
music production