

# Alex 'A.J' Norton

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## Education 📖

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|--|---|
| <b>Virginia Tech University</b><br><i>Computer Science, GPA: 3.85/4.00</i>                             | <b>Blacksburg, VA</b><br>2011–2015      |
| ○ Computer Science Major with a Mathematics Minor; Graduate June 2015, Summa Cum Laude, Phi Beta Kappa |   |
| <b>Oxford Brookes University</b><br><i>Technology</i>  | <b>Oxford, UK</b><br>Jan 2015–June 2015 |
| ○ Completed Computer Science courses with focus on learning business perspectives                      |   |

## Work 💼

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|---|-------------------------------------|
| <b>Front Gate</b><br><i>Software Engineer II</i><br>PHP and Laravel development from TicketMaster backend systems   | <b>Remote</b><br>2022–Present       |
| <b>Saatva</b><br><i>Software Engineer</i><br>Ruby on Rails and React frontend/backend development   | <b>Remote</b><br>2021–2022          |
| <b>Thoroughcare</b><br><i>Software Engineer</i><br>Ruby on Rails and Vue.js Development with a small flexible team  | <b>Remote</b><br>2019–2020          |
| ○ migrated the front end from html to Vue.js  |                                     |
| ○ created SQL queries in the models to perform search and find for patients   |                                     |
| ○ performed complex SQL queries for testing in RSpec  |                                     |
| <b>IBM</b><br><i>Software Engineer</i><br>Developed Watson Workspace App, integrated with IBM Watson, created real time message service in Swift and Java | <b>Austin, Texas</b><br>2015 - 2018 |
| ○ coordinated with the Android team to submit features at the same time   |                                     |
| ○ worked on the frontend and API calls to return user to most recently read message.  |                                     |

## Projects

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|--|-----------------|
| <b>Ephemeral Hadoop:</b> Utilize unshared computer resources to run Hadoop batch jobs          | JAVA, Hadoop    |
| <b>Hokie Links:</b> Share class notes, comments, and links about Virginia Tech classes         | Rails, JS, SASS |
| <b>Oxford Brookes Bus App:</b> Real time updates of the Oxford bus schedule, stops, and routes | iOS             |
| <b>Schools Out API:</b> Built a REST API to predict school closures based on weather           | Ruby On Rails   |

## Leadership ⚡

- Computer Science Teaching Assistant:** Held office hours for more than 400 CS students (15 hours/week)
- Hokie Ambassador:** Gave tours and presentations to aspiring Computer Science students every week
- Eagle Scout:** Major refurbishment of elementary school (100+ hours of community service)

## Experience ⚙️

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|---|---------------------------------|
| <b>S.O.F.I.A Android project</b><br><i>Undergraduate Research</i>                     | <b>Virginia Tech</b><br>2013    |
| ○ Development of game logic: Development of leaderboard and achievement functionality |                                 |
| <b>Youtube Channel</b><br><i>Channel Name: AppleJuiceTeaching</i>                     | <b>Internet</b><br>2012–Present |

- Developed tutorials and references about CS topics such as Algorithms and Version Control
- Generated more than 1,000,000 views and 4,000 subscribers

## Skills

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- Ruby/Rails
- Java
- Git
- Javascript/Coffeescript