# Allen J. Greer
## Software Engineer

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## Education

**Sept. 2013 – May 2018**

### Bachelor of Commerce, UBC Sauder School of Business
*Combined Major in Business and Computer Science Co-op*
- **Key Courses** — Software Engineering, Advanced Algorithm Design and Analysis, Information Systems, Internet Computing

**Sept. 2010 – June 2013**

### International Baccalaureate, Britannia Secondary School
*Diploma Programme*
- Received a Cumulative Score of **36**

## Experience

**Aug. 2018 – present**

### Software Engineer/Contractor (indev. Collaborations)
*Netsign Communications Inc.*
- Client: **The Gottman Institute**
- Upgraded all product applications (checkup.gottman.com & gottmanreferralnetwork.com) to the framework's (**Ruby on Rails)** next major version
- Added the ability for clinicians to provide multiple versions of a questionnaire to their client(s). This included implementing core changes to the existing data model and designed preforment scripts in PostgreSQL to migrate **100+ million records** to the new schema.
- Added an automatic PDF report generation step after collecting all user responses to the questionnaire. Clinicians will use this report to provide increased care to their clients.

**Sept. 2016 – Sept. 2017**

### Junior Software Engineer (Co-op)
*Glacier Media Group: rew.ca*
- Worked alongside the sales team to develop an internal scheduling & visualization tool for property listing ad space. This raised product sales vertical by **5.0% YOY**.
- Helped release a new feature to allow users to find information on any building within supported regions. Designed the system that matched **100,000+** property listings to their respective buildings with a < 5% false negative rate requiring manual intervention.
- Added support for importing real estate data (RETS) from Toronto feeds, supporting the company's expansion into the region.

## Projects

**Jan. 2019 – present**

### Personal Website: *allenjgreer.indevco.io (additional information & projects)*
- Implemented component-based SPA using vue.js, and Github pages
- Designed star map animation using javascript and canvas API for high visual fidelity

## Skills

| *Languages & Software* | | *Tools* | | *Processes* |
| --- | --- | --- | --- | --- |
| **Proficient** | **Familiar** | **Proficient** | **Familiar** | **Proficient** |
| • Ruby (on Rails) | • C | • git/github | • vue.js | • Agile |
| • PostgreSQL/SQL | • Java | • unix | • heroku | • Scrum/Sprints |
| | • Javascript | • spacemacs | • AWS (S3/EC2) | • Kanban |
| | • CSS/HTML | • vim | • elasticsearch | • TDD |
| | | | • API Integrations | |