MITCHELL VAN BRAECKEL

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TECHNICAL SKILLS

- **Languages:** Bash, C, C++, C#, CSS/HTML, Java, JS, Python, React, Visual Basic, YAML
- **Databases:** MySQL, NoSQL, Oracle, Redis
- **Frameworks:** Cucumber, Kubernetes, LibGDX, microservices, NodeJS, React, REST, Swagger
- **Dev Tools:** Docker, Elasticsearch, Jenkins, Jira, Microsoft Azure, .Net, Photoshop
- **Other Skills:** Agile SDLCs, pair programming, code review, unit and E2E testing, CI/CD

EDUCATION

SOFTWARE ENGINEERING (CO-OP), MINOR MATHEMATICS
SEP 2017 – PRESENT

UNIVERSITY OF GUELPH — GUELPH, ON

- Earned cumulative average: 91.34%
- Completed CIS*3490: Analysis and Design of Computer Algorithms (93%)
- Completed CIS*2750: Software System Development and Integration (100%)
- Completed CIS*2430: Object Oriented Programming (93%)

ONTARIO SECONDARY SCHOOL DIPLOMA
SEP 2013 – JUN 2017

CENTENNIAL COLLEGIATE VOCATIONAL INSTITUTE — GUELPH, ON

- Awarded Ontario Scholar – CCVI Class of 2017 Dean's Honour List, for 94% average
- Received CCVI Athletic Globe, for earning at least 44 points from 17 high school sports teams
- Given Brendan J. Eccles Award of $800, for outstanding achievement in sports and computing

WORK EXPERIENCE

APPLICATION DEVELOPER / WEB DESIGN
JUN 2020 – AUG 2020

UNIVERSITY OF GUELPH — HOSPITALITY SERVICES, INFORMATION TECHNOLOGY — GUELPH, ON

- Completed various projects working with UoG HS systems and web applications, where the main highlight was integrating Moneris, a new third-party credit card payment system.
- Worked independently (I was the only developer) and responsibly reported project progress to supervisor, which allowed me to learn many new things: both technical and non-technical

SOFTWARE ENGINEERING INTERN
APR 2019 – DEC 2019

NCR CORPORATION — WATERLOO, ON

- Developed RESTful API in YAML and Swagger that operates using Java-based microservices that reside in a Kubernetes environment setup with Docker containers
- Worked using Scrum Agile SDLC within a large team of 8+ developers in coordination with another 6 teams using end-to-end, continuous integration testing techniques
- Led the creation, improvement, and management of documents for developers and coding standards to maintain consistency in the custom programming language used

COMPUTING & COMMUNICATIONS SERVICES CONSULTANT
NOV 2018 – PRESENT

UNIVERSITY OF GUELPH — CCS CLIENT PRODUCTIVITY — GUELPH, ON

- CCS Help Centre: Actively listen to and assist clients remotely to resolve technical difficulties promptly by providing the appropriate information and direction to the proper resources
- IT Help Desk: Effectively apply technical knowledge and skills to troubleshoot client issues face-to-face and swiftly develop a solution using analytical problem-solving ability

LEVEL 3.4 UMPIRE
BASEBALL ONTARIO

MAR 2012 – PRESENT

GUELPH, ON

- Update game availability online weekly using organizational abilities for over 150 games
- Arrive 30 minutes before scheduled start time by planning and managing time wisely
- Communicate with up to 3 umpires to enforce baseball rules and make fair, impartial judgement calls to ensure the game progresses smoothly and safely

GRYPHON ACTIVITY CAMP COUNSELLOR
UNIVERSITY OF GUELPH – ATHLETICS

JUL 2018 – AUG 2018

GUELPH, ON

- Improved teamwork by cooperating and collaborating with coworkers to efficiently run camp
- Enhanced leadership skills by monitoring groups of 18+ children while programming and preparing sports and craft activities during each day of camp

VOLUNTEER EXPERIENCE

BASEBALL CAMP SUPERVISOR
PEAK PERFORMANCE ATHLETICS HITHOUSE

JUL 2013 – JUL 2017

GUELPH, ON

- Coached 7- to 13-year-old athletes by running age-appropriate drills and demonstrations to teach them about proper baseball techniques and mechanics
- Supervised large groups of 30 campers throughout the day while mentoring young volunteers

COMMUNITY ENGAGEMENT

VARSITY BADMINTON TEAM & CLUB

SEP 2017 – PRESENT

REP GUELPH ROYALS BASEBALL

SEP 2007 – AUG 2017

- Won numerous MVP awards and tournaments
- Awarded R. Jack Middlemass Scholarship ($3500), Jul 2017 – given to one player in Ontario
- ICBA Ontario Summer Games Team 2014 and ICBA League All-Star Team 2012

CCVI HIGH SCHOOL CLUBS & SPORTS

SEP 2013 – JUN 2017

- Badminton – Won district D10 title for Mixed Doubles and awarded Male MVP in 2015
- Volleyball – CWOSSA semi-finalist 2015 and won district D10 title 2013, 2015
- Math Club – Top 25% in Canada; Cayley 2015, Canadian Intermediate Math 2014
- Robotics Club – Designed, built, and programmed a robot using LEGO Mindstorms

ACHIEVEMENTS (SELECTED)

- Dr. Mary McLeish Scholarship ($500), Oct 2018; Dr. Ted Swart Scholarship ($500), Oct 2019;
  - Rewarded for highest average of core classes in software engineering for first and second year
- NCR Global Hackathon - Top 10 Finalist ($400), Jul 2019;
  - Placed top 10 of ~400 teams, for my team's submission, FacePay, which uses facial recognition
- City of Guelph 175th Anniversary Scholarship ($2000), Nov 2018;
  - Awarded for academic excellence and volunteer leadership on campus or in the community
- Waterloo G.I. Game Jam Participation, Sep 2018; Attended "Learn" and "Make" events for Unity
  - Collected knowledge and practical skills for implementation in game development
- Local Hack Day Hackathon – Guelph Participation, Dec 2017;
  - Independently created side-scroller Minecart game using LibGDX (Java) in 8 hours
- ECOO-CS Programming Contest, Apr 2017; Ranked 4th in regional team coding competition
- Canadian Computing Competitions Participation, Feb 2016, Feb 2017; Distinction in Jr & Sr CCC