


CAROLINE BERGER

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3514 Rue Hutchison, Montreal, QC, Canada

EDUCATION

MCGILL UNIVERSITY

Montreal, QC May 2019 (expected)

Bachelor of Science Computer Science

GPA 3.3/4

Honours Project in Computer Science

Software Design

Human-Computer Interaction

Software Systems

Operating Systems

Computer Systems Lab

Algorithms I & II

Programming Languages

Integrating Technology into the Classroom

SKILLS

WEB

HTML | CSS | JavaScript

SquareSpace | Wordpress | Adobe Creative Suite

SOFTWARE

Java | Python | C | C++

F# | Git | UML

LANGUAGE

English Fluent

Italian Professional

French Conversational

RESEARCH EXPERIENCE

SOFTWARE EVOLUTION RESEARCH GROUP

McGill University January 2017 - Present

Research Assistant

- Developed an Eclipse plugin aimed to help students learn to program
- Designed a user study exploring how children learn to program in professional environments
- Conducted two pilot studies as Principal Investigator

PROFESSIONAL EXPERIENCE

COMPUTER SCIENCE UNDERGRADUATE SOCIETY

McGill University

May 2017 - Present

Vice President Communications

- Updated and maintained the organization's Square Space website and Facebook page
- Wrote weekly listservs communicating events and initiatives within the organization to a constituency of over 1,000 undergraduate Computer Science students
- Organized women in computing networking events and conferences

DIGITAL MEDIA ACADEMY

July 2016

Washington DC, Philadelphia, USA

Made by Girls Instructor

- Taught girls aged 8 to 12 introduction to programming
- Created lesson plans covering boolean logic, for loops, arrays and input/output
- Mentored students through final projects in Scratch, Processing, Java, and Python

AWARDS & DISTINCTIONS

SCIENCE UNDERGRADUATE RESEARCH AWARD

McGill University

Summer 2017

- Awarded \$5600 to carry out research under the supervision of Prof. Martin Robillard in programming education research

13TH UNDERGRADUATE COMPUTER SCIENCE RESEARCH SYMPOSIUM

McGill University

Aug 30, 2017

- Selected by Computer Science professors to present summer research
- Ranked in top 5 of conference participants
- Nominated to present research at the Faculty of Science Undergraduate Research Conference