

# Martin Hanzel

Full-Stack Developer

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## EDUCATION

**B.Sc. Biomedical Science**  
Minor in Computer Science  
University of Ottawa  
*Magna cum laude*

**B.Sc. Computer Science**  
University of Ottawa  
Year of 2018

## BRIEF

I'm a programmer. I've been coding since I was a kid, when I completed some curly braces on my dad's machine when he left his code unattended.

I studied biomedical science because I was fascinated by how living things resemble computers. Programming cells is a difficult, but satisfying problem to work on.

I'm now looking for other difficult and satisfying problems. Perhaps your company has some. I can help solve them.

## EXPERIENCE

**Residence Mentor**  
University of Ottawa  
2014-2017

Designed and piloted a mentors-in-residence program to provide full-time academic support to first-year university students.

Increased funding for the Mentoring Centre by 300% within a year.

Increased resident conversion rate by a factor of 10.

Developed software to automate data entry and reduced bureaucratic workload from hours to a few minutes.

Ran weekly study groups and organized monthly community-building events in residence.

**President**  
iGEMuOttawa  
2014-2016

Led a genetic engineering research group made up of undergraduate students.

Built *in vivo* genetic networks using computing and electronic engineering metaphors.

Oversaw the research group's finances, fundraising, and hiring.

**Research Associate**  
iGEMuOttawa  
2013-2014

Wrote bioinformatics software for data analysis and genetic tooling.

Presented own research three times at a world-wide conference in Boston.

Consulted for a biotechnology startup in Ottawa.

Secured sponsorship from universities and biotechnology companies.

**Web Developer**  
Freelance  
2013-2015

Designed custom websites for student groups at uOttawa.

Worked closely with clients to deliver and maintain pixel-perfect solutions.

Clients include the University of Ottawa Healthcare Symposium, and Actions for Healthcare.

**Full-Stack Developer**  
ThinkWrap Commerce  
2011-2016

Developed full-stack B2B and B2C e-commerce applications for large retailers using the Oracle Commerce framework.

Clients include Princess Auto, Lorex, Simons, and Videotron.

**Founder**  
uEducate  
University of Ottawa  
2013

Founded uEducate, a club dedicated to promoting higher education to secondary school students.

Provided an annual science competition to Ontario high schools.

Created financial scholarships for aspiring science students in the amount of \$4000.

## LANGUAGES

English, French, Slovak, Czech  
Citizen of Canada and the European  
Union

## AWARDS AND DISTINCTIONS

**2013** University of Ottawa Undergraduate Research Scholarship (one of ten recipients)

**2013-2017** University of Ottawa Dean's Honour List (9x recipient)

**2011** 1<sup>st</sup> place, Ottawa-Carleton Science and Engineering Olympics, web site design on energy and sustainability

**2013** Gold Medal, International Genetically Engineered Machine Competition

**2014** Silver Medal, International Genetically Engineered Machine Competition

## REFERENCES

Available on request