

# TOM KOOLE

## Software Developer

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### CAREER EXPERIENCE

#### **Northern Digital Inc.**

*Integration Specialist  
Waterloo, ON — 2018-present*

Responsible for deployment, and integration of NDI technologies into customer applications, as well as the development of demo applications and sample code to showcase NDI products. Contributed to the stability of NDI products through log replayability, new features and validation plans.

#### **TouchBase Mail & GuestServe Inc.**

*Software Engineer  
St. Catharines, ON — 2015-2018*

Full-stack development of the Ruby & Vue based TouchBase Mail product, as well as maintaining PHP development of an e-commerce website.

#### **Manic North Software Inc.**

*Co-Founder / Programmer  
St. Catharines, ON — 2013-2015*

Projects including the Welland Canal Status mobile apps and website, a lua based mobile game called Onwords, and general software contracting.

#### **Niagara College Research & Innovation**

*Programmer / Research Associate  
Niagara-On-The-Lake, ON — 2014-2015*

*Programmer / Research Assistant  
Niagara-On-The-Lake, ON — 2009-2014*

Programming and Analysis for a range of projects including GIS development for farming, audio / video quality assurance and weather mapping software. Lead software developer on PrAgMatic, LandMapr and the Global Farm Manager projects.

### PROFESSIONAL SKILLS

#### **Programming Languages:**

C++, C#, Java, Ruby, PHP, HTML, JS, CSS, SQL

#### **Software Tools:**

Unity3D, IntelliJ, Visual Studio, Photoshop, Android Studio, Git, GitLab

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### PERSONAL INTERESTS

Photography, Board Games, Sci-Fi Literature, Badminton, AI & Game Development

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### EDUCATION

#### **2014 BSc Computer Science w/Honours**

Brock University (2010-2014)

- Advanced Algorithms
- Artificial Intelligence
- Digital Media & Graphics

#### **2010 Computer Programmer 3yr Diploma**

Niagara College (2007-2010)

- 3 Year Advanced Diploma
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### PERSONAL DETAILS

**Tom Koole**  
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