

# Joel Brenstrum

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## Personal Summary

- 21 Year old male, originally from Dargaville, now living in Hamilton.
- Completed a Bachelor of Computing and Mathematical Sciences (Honours – First Class), with a major in computer science, graduating in April 2014.
- Passionate about computers and technology with extensive interests in artificial intelligence, networking, hardware and software development.
- Results orientated, hard working and dedicated.

## Qualifications

### Bachelor of Computing and Mathematical Science (Hons – First Class)

Majoring in Computer Science – University of Waikato (Completing 2013)

#### Papers:

2013:

▫ Cyber Security	A+	▫ Computer Networks	A-
▫ Turing Topics in Computer Science	A+	▫ Carriers and ISP Networks	A-
▫ Machine Learning Algorithms	A	▫ Report of an Investigation	A-

2012:

▫ Computer Systems Architecture	A+	▫ Operating Systems	A
▫ Programming Languages	A+	▫ Communications and System Software	A
▫ Artificial Intelligence Techniques and Applications	A+	▫ Graphics and Computer Games	A

2011:

▫ Computer Systems	A+	▫ Internet Applications	A
▫ Computer Communications	A+	▫ Programming with Data Structures	A-
▫ Object-Orientated Program Design	A	▫ Logic and Computation	A-
▫ Introduction to 3D Modeling and Animation	A	▫ Linear Algebra	A-
		▫ Possible Worlds	B-

2010:

▫ Computing Media	A+	▫ Introduction to Electronics	A-
▫ Introduction to Computer Science 1	A+	▫ Introduction to Logic	B+
▫ Introduction to Computer Science 2	A	▫ Introduction to Statistical Methods	B+
▫ Introduction to Algebra	A	▫ Introduction to Calculus	B

## Achievements:

- Faculty of Computing and Mathematical Sciences Dean's Award for Excellence (2012)
- Invited to join the Golden Key International Honor Society (2012,2011)
- School Leavers University Scholarship in recognition of academic excellence at school certificate level (2010)

## Other Qualifications:

- New Zealand Full Drivers License
- AA Defensive Driving Course
- New Zealand Gun License

## Skills/Experience

### Programming Languages:

- |        |              |
|--------|--------------|
| ▫ Java | ▫ JavaScript |
| ▫ C#   | ▫ HTML/CSS   |
| ▫ C    | ▫ PHP        |

### Tools/Programs:

- |                                  |                           |
|----------------------------------|---------------------------|
| ▫ Command Line/*nix environments | ▫ Adobe Dreamweaver       |
| ▫ Eclipse                        | ▫ Maya                    |
| ▫ Adobe Photoshop                | ▫ Blender                 |
| ▫ Adobe Flash                    | ▫ Microsoft Visual Studio |

## Education

- Educated at Dargaville High School to Year 13, achieving Level 3 NCEA in Information Technology, Calculus, Physics, Graphics and Applied English.
  - **Academic Achievements:**
    - Outstanding Contribution to Senior Computing (2009)
  - **Leadership:**
    - Certificate for completion of a Peer Support Programme (2009)
    - Dargaville High School Trap Shooting Team Captain (2009,2008)
  - **Sporting Excellence:**
    - Kaikohe Secondary School Trap Shoot, High Over All (2009)
    - Qualified for NZ College Games for Trap Shooting (2008)
    - Northland Secondary Schools Team Trap Shooting, 3<sup>rd</sup> Place (2008, 2007)

## Career History

Jan 2005 – Dec 2009

**TJ AND HM BRENSTRUM LTD, NORTHLAND**

Dairy Farm Worker

### **Responsibilities:**

- Milking, 44 aside Herringbone.
- Feeding and handling calves.
- General stock work.
- Operation of farm machinery
- Maintenance and repairs of equipment.

### **Major Achievements:**

- Sole charge milking

## Interests and Hobbies

- Artificial Intelligence
- Networking
- Hardware
- Socializing with friends
- Mechanical, electrical and audio work
- Classic and older vehicles
- Music, movies, television, sports and games

## References

- Available on request