

# Joe Barrett

📍 15/6 Falcon Gardens – Edinburgh – EH10 4AP

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## Education

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### Edinburgh Napier University

2013–Present

**Dissertation:** Calculation of Mountain Bike Setup through Mobile Image Analysis

### BEng(Hons) Software Engineering

*Predicted 1st*

### University of the Highlands and Islands

2012–2013

### HNC Computing

*Pass*

## Employment

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### Cadence Design Systems

**Intern**

*May 2016–September 2016, Livingston*

- Maintaining and adjusting performance tests for Virtuoso software
- Wrote performance testing suite in Python, including automated emailing, data analysis utilities, and automatic debugging
- Notified engineers on failing tests and assisted in debugging
- Created performance tests to compare product platforms
- Presented during internal conference for interns and summary of work at end of internship

### Edinburgh Napier University

**Student Demonstrator**

*January 2016–May 2016*

- 2nd year Mobile Applications Development
- Assisting lecturer during practical sessions
- Answering questions from students related to mobile programming
- Presented during lecture on previous year's coursework

### C&G Cycles

**Assistant Manager and Mechanic**

*January 2014–January 2015, Edinburgh*

- Assembling high end custom road bikes
- Setting up, updating, and customising electronic gear systems
- Attending trade shows and manufacturers events

### Twelve50 Bikes

**Workshop Manager and Sales Assistant**

*April 2011–June 2012 & May 2015–August 2015, Frodsham*

- Repairs
- New builds
- Assembling high end custom road and mountain bikes
- Maintaining stock of workshop supplies
- Assembling and maintaining race bike fleet
- All aspects of sales

### Cheshire Oaks Cycles

**2nd Mechanic and Sales Assistant**

*March 2010–April 2011, Ellesmere Port*

Same as previous, including:

- Creating various graphics including price tags and shop jerseys
- Stock processing

**Graham Weigh Cycles***October 2007–June 2009, Queensferry***2nd Mechanic and Sales Assistant**

- Repairs
- New Builds
- Refurbishing and selling second hand cycles
- Building custom road bikes
- All aspects of sales
- General shop cleaning and maintenance

**Skilled Training**

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**Cycle Scotland***April 2016***Cycle Assistant Qualification****Coed y Llandegla Courses***February 2011***CTC Trail Leader Qualification****Whistler Blackcomb***August 2009***Instructor Development Programme Level 1&2****Institute of Leadership and Management***August 2009***Level 3 Award****Cycle Wales***October 2007***City and Guilds: Cycle Maintenance****Interests and Achievements**

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