

# Timothy Hugh Biermann

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## Personal Profile:

First year IT undergraduate with the skills and knowledge essential for working in the computing sector. My skillset includes problem solving, time management, decision making, communication and organisational skills. I successfully combined my university studies with independent education and other commitments evidencing my self-motivation and organisational skills. I have a clear, logical mind with a practical approach to problem solving and a drive to see things through to completion. I enjoy working on my own initiative or as part of a team. I seek a challenge and am flexible, adaptable and willing to learn. My commitment, enthusiasm and determination to succeed enhance my contribution and effectiveness in the workplace.

## Education & Qualifications:

- 2019 - 2021    Canterbury Christ Church University  
**BSc (Hons) Computer Forensics & Security**    Predicted: First  
Main subjects: Advanced Mathematics, Fundamentals of Computer Systems, Introducing Forensic Investigation, Application Development in C#, Ethics and Employability, Computer Forensics & Security, Python Programming.  
  
Group Project: Creating a greenhouse control system using Arduino
- 2009 - 2011    The Norton Knatchbull School Sixth Form  
4 AS levels at A grade (Mathematics, Business Studies, Biology, Chemistry)
- 2007 - 2009    The Norton Knatchbull School  
Maths GCSE pass at A\* grade, 8 GCSE passes at A including Stats, English and Science  
3 GCSE passes at B grade including Business Studies and Spanish

## MOOC Courses:

### **Total: CompTIA Network+ Certification (N10 – 007)**

Udemy (Mike Myers), Ongoing

Relevant Skills: Network models, topologies, protecting a network & network monitoring

### **Complete Ethical Hacking Bootcamp 2021**

Udemy (Andrei Neagoie), 2021

Relevant Skills: Linux, Python, Vulnerability Analysis, Website Penetration & MITM Attacks

### **Easy C# with Windows Forms For Beginners to Pro**

Udemy (Musavi Abdullah), 2021

Relevant Skills: C#, Visual Studios, MySQL, Databases, LINQ & Multithreading

### **Total: CompTIA A+ Certification (220-1002)**

Udemy (Mike Myers), 2021

Relevant Skills: Malware removal, Logical Security Concepts & Social Engineering

### **The Complete Ethical Hacking Bootcamp**

Udemy (HackerSploit Academy) 2020

Relevant Skills: Network fundamentals, Nmap, Burpsuite, SQL, XSS, Metasploit & Python

### **WebSite Hacking/ Penetration Testing & Bug Bounty Hunting**

Udemy (Zaid Sabih) 2020

Relevant Skills: SQL Injections, XSS, Owasp ZAP & Information Gathering

### **Learn Ethical Hacking From Scratch**

Udemy (Zaid Sabih), 2020

Relevant Skills: Kali Linux, ARP spoofing, Network Sniffing, Server side attacks & BeEF

### **WireShark: Packet Analysis**

Udemy(David Bombal), 2020

Relevant Skills: Understanding and Hacking Protocols, Port Security & Python

### **Build a Website with HTML, CSS and Github Pages**

Codecademy, 2020

Relevant Skills: HTML, CSS, PHP & JavaScript

### **Complete Python Bootcamp**

Udemy (Jose Portilla), 2019

Relevant Skills: Great understanding of Python & OOP

## **Technical Skills:**

- Proficient in **Python, C# & HTML**
- Competent with **Nmap, WireShark, Kali Linux & Windows 10**
- Basic ability in **SQL, HTML, Java, JavaScript & Networking**
- Knowledge of **XSS, SQL Injection, Bug Hunting, Data Analysis & Social Engineering**

## **Work History:**

2016 -2017     **Crew Member at McDonalds**

- In charge of the kitchen during most shifts.
- Trained to be a manager.
- Provided one to one teaching to several new members.

## Skills:

- Communication**
- \*Gave presentations and worked on group assignments as part of my degree.
  - \*Created a discord server to bring students closer together during the Covid crisis, the server was designed to not only for socialising but to help students who were struggling with their studies.
  - \*I have hosted several private tutor sessions with my fellow students to either reinforce studies learnt at university or to teach extra-curricular topics such as web penetration. This interaction with students has enabled me to develop a clear, simple style of communication to explain and resolve technical issues.
- Team Working**
- \*The group assignments at university, whether as a leader or a team member, has given me a greater awareness of the contribution each individual can make so that a project can be moved forward.
  - \*During my time at McDonalds, I was often in charge of the kitchen which required a cool and calculated head to deal with the pressure of rush hour. I had to organise my team to ensure the kitchen ran smoothly with as little waiting or waste as possible. This helped to develop my leadership skills and made me accustomed to motivating my team.
- Technical Aptitude**
- \*Many years' experience of building and maintaining PCs for friends and family.
  - \*Currently creating a website at: [www.mythopedia.co.uk](http://www.mythopedia.co.uk)
  - \*Currently building an ancient mythology quiz android app

## Interests:

A keen interest in cutting edge technology and read blogs and listen to podcasts regularly to keep abreast of new technological developments. I am interested in completing many CompTia certifications including Network+ which I will be taking the exam for this summer. Ancient history has always fascinated me, resulting in trips to Rome and Cologne. Another passion is red team hacking which has led me to complete numerous MOOC courses as well as taking part in Capture the Flag type events.

## References:

Available on request