

# Viktor Barzin

[me@viktorbarzin.me](mailto:me@viktorbarzin.me)  
<https://viktorbarzin.me>

## EDUCATION

---

- 2017-2020 **University of Southampton** Southampton, United Kingdom  
BSc Computer Science
- Functional Programming in Haskell
  - Cloud Application Development in Azure and Google Cloud Services
  - Machine Learning
  - Computer Architecture
  - Cybersecurity
- 2012-2017 **Vocational High School of Electronics John Atanasoff** Sofia, Bulgaria  
Secondary Education Student
- Earned 11 Microsoft Technology Associate (MTA) certificates.
    - Most -recent - MTA: Introduction to Programming Using Python - Certified 2018

## WORK EXPERIENCE

---

- June-September 2019 **Facebook** London, United Kingdom  
Production Engineer Intern
- Worked on an individual project responsible for improving the disaster readiness of an entire fleet of machines
  - Participated in multiple cross-team meetings to promote the tools I implemented and encourage their usage within other teams
  - Contributed to numerous internal systems and tools
- July-September 2018 **MWR InfoSecurity** Basingstoke, United Kingdom  
Security Consultant Intern
- Carried out extensive research into IPv6 OSINT enumeration techniques
  - Performed security assessment of numerous client-like systems and applications and also produced reports with the discovered security flaws and findings
  - Carried out memory, disc and network forensic analyses
  - Assessed the security posture of a client web application and managed to discover and exploit multiple vulnerabilities in it

System Administrator Intern

- Worked in a team responsible for building Sofia Regional Court's virtual infrastructure.
- Administered hundreds of domain (Active Directory) users across couple of domains.
- Deployed server and desktop virtualization (VMWare and Windows Server stack)

## SKILLS

---

### Technical skills:

- **Languages**
  - Python, Golang, C#, Java, Haskell, Javascript, Bash, PowerShell
- **System Administration and Automation**
  - Linux server/desktop systems, Windows Active Directory Services, ELK Stack, Mailing services – Postfix, Dovecot, Zabbix monitoring
  - Ansible, Terraform, Helm
- **Virtualization**
  - VMWare Bundle (vSphere)
  - Docker containers
  - Kubernetes

**Languages:** Native Bulgarian, Fluent English (IELTS test mark 7/9).

## PERSONAL PROJECTS

---

Find description of some of my projects at <https://viktorbarzin.me/projects>

## HOBBIES

---

- Tech blog – In my free time I write articles in my blog that contains posts on various tech and cyber-related topics (<https://viktorbarzin.me/blog>)
- President of the Southampton University Cyber Security Society organizing weekly workshops on various cyber security topics.
- 2 years competitive Chess experience. Currently at around 1800 ELO.
- Football – Was part of the school's football team for 3 years as a goalkeeper.
- Member of the Bridge society
- Member of the Salsa society

## REFERENCES

---

References available upon request.