Technologist

Benjamin Smith | benjismith@tutanota.com | +358401244463 | *Mariehamn, Stockholm*

project management, linux, python, rdbms, information security, networks, dns & more

Experience

Speeron AB *(Stockholm, SE)*

Network Developer *July 2017 – August 2017*

Developed a network topology compatible with enterprise networks, Wi-Fi and targeted devices to enable *BYOB* services for the hotel industry.

Product owner & Developer *September 2017 – February 2019*

- Evaluated development with clients to set the right goals and communicate progress.
- Coordinated priorities with remote development team, ensured quality control and successful deliveries.
- Planned ahead to reduce impact before a critical dependecy was pulled. Introduced an alternative architecture to address issue, scaling needs and enable additional features for clients.

Network Developer *April 2019 – April 2019*

Authored a packet re-writer daemon for network routers in response to anticipated exposure of usage metadata over multicast. The new software improved privacy and enabled further traffic shaping features of use to our product. debian/edgeos, python.

Full Stack Developer *2019 – 2021*

A web-enabled service and API to support inkognito users to sign-in to in-room multimedia services. Built for high availability and request frequency, the system was more competitive than commercial services.

With artist Nayab Ikram *(Turku, FI)*

Technical lead, Developer *2016 – now*

A computer intelligence which learns and unlearns by texting with visitors^{Linux, Python.}. It's been learning at places such as:

- Asbestos Art Space, "Babe, Call Me Back" *(Helsinki. January 2019)*
- European Parliament, "[Invitation Art at EP](#)" *(Brussels. November 2019)*
- Cable Factory, "[2084 at Catalysti](#)" *(Helsinki. October 2020)*
- "[XXV Mänttä Art Festival 2021](#)" *(Mänttä, June-August 2021)*

Audiovisual installation. The sound of ocean waves rolling into shore, synthesised as human speech ^{CMUSphinx, IBM Watson.}

- "Whoa, the waves said" *(Dalsbruk, Finland. August 2019)*

Independent work

Built and manages websites, publishing platforms^{Flask, Ghost} and email service integration^{Sendgrid, Mailgun} for individuals and organisations. Worked on e-commerce platforms and development^{php, python}, such as an end-user database tool for data exploration, query and reporting ^{SQL, Python.} Built video streaming service infrastructure for live events ^{NGINX, RTMP, FFMPEG.}

Stockholm University

Bachelor Program in Computer and Systems Sciences. *Course excerpts:*

- **ML471C** [Information Security in Organisations](#)
- **ML463C** [Security and Privacy in e-Government: IT, Laws and Ethics](#)
- **IB430C** Knowledge Management
- **IB402E** Project in Software Engineering *(Scrum master, UX)*
  - With theater performance *Satans Demokrati*, a concept micro blogging platform was created reflecting the aesthetics and theme of the play.

For questions and references, feel free to send me an [email](#) or give me a [call](#).