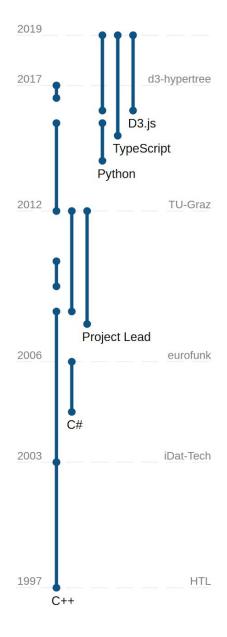
Glatzhofer Michael

Software Engineer / Computer Scientist Last update July 2019

Born 1982 Salzburg, Austria Living in Graz, Austria Tel.: +49 (0) 6508223833 michael.glatzhofer@gmail.com github • linkedin • observable

d3-hypertree demo ★



Software Engineering / Architecture

Information Visualisation

Data Science

Experience

d3-hypertree Open Source Project

2019 - Present Freelancer

Implementation of extensions. Information visualization

consulting. Data processing pipeline consulting.

2017 – Present Founder, Maintainer

Open source web component for hyperbolic tree

visualisations.

eurofunk Kappacher St. Johann i.Pg, Austria

Developing server processes and integrating third-party systems into control centers in the fields of public safety and industry. Most of them were multithreaded processes written in C# or C++.

Later project leader and software architect, the teams consisted of three to ten people, depending on workload on specific phases of the project.

2008 – 2012 System Architect, Project Lead

Architect of migration from C++ to C#/.Net. Project lead of implementation of new core technologies: Evaluation of new technologies, middleware architecture, service infrastructure

architecture, library design, performance optimisation.

2007 – 2012 Software Architect, Project Lead

Designing a new mobile device system (FMS) capable of TETRA, legacy radio systems, and public network. Protocol

specification and training of third-party device suppliers.

2010 System Architect

Periphery systems integration Frankfurt Airport Terminal 1.

Protocol specifications, system architecture.

2006 – 2007 Software Engineer

Implementation of interfaces to other systems. Surveillance

systems, security alarm systems for airports and industry.

iDat-Tech Salzburg, Austria

2003 — 2006 Software Engineer, Co-Founder

Embedded programming and programming close to

hardware for automation industry. Process visualisations.

Education

2016 - Present M.Sc. University of Technology Graz

Knowledge Technologies

Multimedia Information Systems

2012 – 2016 B.Sc. University of Technology Graz

Computer Science

1997 — 2002 HTL Braunau

Telecommunications Engineering

Skills

C++, C#, Python, TypeScript, Pair Programming, Teamwork, Intercultural Communication Scrum, Agile Development, Kanban, Design Patterns Distributed Systems, Network Protocol Design, REST, SOA, MOM, RPC Visualisations, D3.js, Webpack, Node.js, Performance Optimisation SciKit-Learn, SciPv. Machine Learning, Tensorflow, Keras,