

# Rostislav (“Dexter”) Sibirtsev

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## Education

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### 1. Stockholm School of Economics (SSE, Handelshögskolan)

Degree: MSc Master in Finance (specialized in Investment Management)

Thesis: [How to Avoid Bankruptcy?: Monte Carlo Simulation of Three Financial Markets, using the Multifractal Model of Asset Returns](#)

 Stockholm Sweden

[September 2017 – June 2019]

### 2. University College London (UCL)

Degree: BA Economics and Business with East European Studies

 London, United Kingdom

[September 2014 – June 2017]

### 3. Institut Le Rosey

Degree: International Baccalaureate (IB) Diploma (Bilingual diploma with English and French)

 Rolle, Switzerland


[September 2008 – June 2014]

## Experience

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### 1. Microsoft

Full-stack software engineer


 Tallinn, Estonia

[September 2022 – ongoing]

- As the lead frontend engineer, led the development of a brand-new version of a data portal website. Handled designing the UX layout, selecting JS libraries, implementing most functionality and setting up telemetry. Fully migrated the architecture from an old ASP.NET MVC site, to a completely rewritten Next JS frontend and a .NET backend API, which made it prettier, faster, and more accessible. Stayed agile and responded quickly to user feedback and redesigned features accordingly when needed.
- Implemented many helpful DevOps and Developer Experience (DX) features to improve productivity and reduce bugs, such as build pipelines and compilation scripts.
- As the most experienced frontend engineer in the office, mentored my colleagues on JavaScript coding (TypeScript, React, Next JS Node JS) and User Experience (UX) design, including teaching one junior colleague React who had never written JavaScript before.
- Key tech: TypeScript; React (NextJS, React Query, Fluent UI); C# (.NET Core); Azure DevOps;

### 2. Singleton

Full-stack software developer

 Tallinn, Estonia

[February 2020 – August 2022]

- A full-time engineering position, working mainly with React JS (websites), React Native (iOS & Android apps) and NodeJS (backend API's). Worked on projects for both local and international clients. Communicated with clients directly, with regular video calls and face-to-face meetings. Built up several apps from design files into fully-working solutions. Learned how to code efficiently both alone and with a team. Usually worked on 2 or 3 projects at a time, with a new project every few months. Implemented dozens of 3<sup>rd</sup> party libraries. Learned by doing for several new technologies. Ensured code quality in pull requests with Git version control on Bitbucket and GitHub. Refactored multiple legacy codebases. Mentored junior developers on writing cleaner and more maintainable code. Set up deployment scripts for websites and publishing pipelines for mobile apps.
- Projects included: a large book store e-commerce site, with active roles in component design and development, SEO & performance optimization and deployment; a large newspaper's content management system (CMS) frontend, for managing articles and media; a solar panel distribution company's fully custom price & layout calculator, with automatic diagrams and PDF invoicing; a mobile app for managing university/private research studies & experiments, and their participants and organizers; a mobile app for controlling “smart saunas”; and others.
- Key tech: TypeScript; React (NextJS, React Native, Redux); NodeJS (Express); PM2;

### 3. ChromoNotes (piano sheet music books)

Lead developer and content creator

 Budapest, Hungary

[July – December 2019]

- Wrote the main codebase (a MuseScore plugin) to transform over 50 pieces of piano sheet music into SVG-quality electronic versions, where each note was automatically color-coded.
- Compiled a series of 3 books and self-published the [books on Amazon](#) (pseudonymously).

### 4. Buyon.ru (e-commerce startup)


Assistant accountant and content manager

 Moscow, Russia

[July – August 2016; June – August 2017]

- Assisted in filing company accounts; performed various office administration duties (e.g. manage site content, translate letters);
- Attended regular business negotiations with the start-up's CEO. Also attended over 30 interviews of prospective employees.

## 5. Swedbank

 Tallinn, Estonia  
[June 2016]

Assistant accountant and content manager

- Helped promote and gather field survey data for the bank's mobile app. Presented on the app's benefits over online banking to over 150 clients. Personally assisted many in transitioning. Work shadowed for client relations managers and financial advisors.

## Skills

(for full list, see [my webpage](#))

### Programming:

- JavaScript/TypeScript (React; NextJS; Redux; NodeJS);
- Python (Django; Jupyter);
- PostgreSQL;
- GraphQL (Apollo; Postgraphile);
- HTML; CSS;

### Languages:

- English, Estonian, Russian (fluent);
- French and Spanish (conversational, B2);
- German, Hungarian, Swedish (basic, A1 – A2)

### Design & Media:

- Adobe Photoshop, Illustrator and Audition; Figma;
- Final Cut Pro; Logic Pro;

### Office & Business:

- Microsoft Excel, Word & PowerPoint;
- Econometrics; financial securities; accounting; international business and economics; basic business law;

## Awards

- *UCL Provost's Excellence scholarship (2014)* – for exceptional academic performance.
- French – DELF B2 foreign language diploma.
- Spanish – earned a top-mark of 7/7 for Spanish B Standard in the IB diploma.

## Outside Interests

Reading: I read about 20-40 books per year, mainly non-fiction. Topic of interest include: science; mathematics; evolutionary biology; philosophy; classical literature; history.

Music: I'm an avid guitar player, and play in a band on weekends. During my school years, I managed and played lead-guitar in several bands. On two occasions, one of my bands performed a nearly three-hour concert in an Alpine five-star hotel. I can thus claim that I am very comfortable with leadership, teamwork, being on stage, speaking in front of large audiences and being in a position of responsibility. I have also spent two years as a guitar teacher to young and older students. I also ran a guitar YouTube channel.

Other: Fitness; snowboarding. My favorite piece of software is Wolfram Mathematica, because it is an astounding feat of engineering.