

# Zbynek Stara

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## EDUCATION

**New York University** ..... May '17  
Bachelor of Science in Computer Science • *Magna Cum Laude* • GPA: 3.95

## EXPERIENCE

**Client.io**, Prague, Czech Republic ..... Sep '17-present  
Front-end JavaScript Developer

- **(Cordova + iOS)** Developed file-saving features of MindManger mobile app
- **(JavaScript + SVG)** Improved pathfinding algorithms of mind-map links
- Added fast and accurate visual algorithms for Bézier curves into JointJS
- Created a pure-JavaScript vector editor app (Inkscape clone) for Rappid
- **(Technical writing)** Wrote new easy-to-follow tutorial and docs for Rappid

**Google**, Dublin, Ireland ..... May '16-Aug '16  
Business Intern – EMEA (Finance Analyst)

- **(SQL + PLX)** Generated insight from databases with tens of millions of rows
- **(Dashboards)** Liaised daily with sales teams to specify sought data analysis
- Created a visual data analysis tool for average revenue per video account
- Revived an abandoned tool for data analysis of sales performance metrics
- Developed requested box-plot visualization using native line chart graphs

**TECHO**, Prague, Czech Republic ..... Jun '18-present  
Process Analyst (External Consultant)

- Reported real flow of materials and documentation in a furniture plant
- Wrote a feasibility report on a contemplated plan of plant automatization
- Presented report to company executives and spearheaded plan approval

**NYUAD Online Services & Applications**, Abu Dhabi, UAE ..... Dec '14-Jun '15  
Software Engineering Intern

- **(PHP)** Developed a web app for creation of university-wide newsletters
- **(JavaScript)** Implemented drag-and-drop for easy composition of text

## STARTUPS

**FindMeTheWords.com**, Singapore, Singapore ..... Jun '14-Jan '15  
Startup Technical Co-Founder + Web Developer + Data Manager

- **(Python + Tornado)** Developed a web dictionary/language learning tool
- **(SQL)** Reduced serving time of one million word definitions to seconds

## PROJECTS

**MIMIC-III Cohort Exploration**, New York, United States ..... Apr '16-May '16  
Web Developer + Data Manager

- **(JavaScript + d3.js)** Developed a tool for analysis of medical research data
- **(crossfilter.js)** Implemented interactive data filtering in many dimensions

## SKILLS

**Computer Languages:** JavaScript, SVG, SQL, Python, R, PHP, Java, C++

**Web Technologies:** JointJS, d3.js, Node.js, crossfilter.js, Tornado, Laravel

**Languages:** English (fluent), Czech (native), French (conversational)