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SOFTWARE ENGINEERING INTERN

EDUCATION

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JULY 2017 – PRESENT	**Master's in Computer Science (MSc)**
	Faculty of Electrical Engineering and Computing, University of Zagreb
FALL 2014 – JULY 2017	**Bachelor's degree in Computer Science (BSc)**
	Faculty of Electrical Engineering and Computing, University of Zagreb

WORK EXPERIENCE

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CROZ

Software Engineer Intern   *Feb 2016 - Present*

- **Project management application (Java, React)**:

  Improved responsiveness by optimizing DB queries and implementing pagination.

  Improved frontend code architecture by moving state from components to store and enforcing unidirectional data flow.

  Migrated frontend codebase from ES5 to ES6 and from Flux to Redux.
- **Salon appointment reservation (Java, Angular2)**:

  Integrated 3rd party calendar into application through which reservations are created.

  Implemented reservation cancelation and editing through back office.

  Written logic for notifying users of important changes.
- **Order Execution for T-Mobile Croatia (Java, Angular 2)**:

  Worked on specifying business processes with BPMN.

  Built docker images and set up gradle build scripts for mock server, Redis DB and REST API web interface.

  Created dashboard for data search and overview.

  Mapped java models to oracle DB using stored procedures.

  Written mocks, unit tests and documentation for DAO layer.

PROJECTS

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- **QuantSoftware Toolkit**: Open source python library for financial data analysis and machine learning for finance.
- **Github Visualization**: Data Visualization of Git Log data using D3 to analyze project trends over time.
- **Recommendation System**: Music and Movie recommender systems using collaborative filtering on public datasets.
- **Mac Setup**: Book that gives step by step instructions on setting up developer environment on Mac OS.

PROGRAMMING SKILLS

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CROATIAN:	Mothertoungue

LINKS

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GITHUB: github/v-silverfin   LINKEDIN: Krešimir Vukić