ALBERTO SCHIABEL

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EDUCATION

University of Padova
Bachelor of Science in Computer Science

September 2016 – Present
Padova, Italy

WORK EXPERIENCE

Brainwise
Full Stack Developer

July 2016 – Present
Venice, Italy

- Designed, developed and unit tested RESTful APIs with NodeJS and Express
- Built system dashboards using ReactJS with Redux, SCSS and Python scripts
- Developed React Native apps with storage caching, transitions and infinite list scrolling
- Enhanced and maintained a legacy web app and its DB2 SQL queries in team

VivaldiGroup
Software Engineer, Freelancer

May 2018 – Present
Remote

- Designed and incrementally developed two Qt/C++ desktop controllers for proprietary HW devices
- Engineered import/export of app settings and device data in JSON
- Implemented a channel on a separate thread to handle serial port queries without blocking the GUI
- Designed and implemented a custom binary protocol

Skydreamer
Mobile App Developer, Startup Partner

March 2017 – August 2017
Remote

- Engineered and developed a travel-focused React Native app in a dynamically growing remote team
- Integrated Firebase services for OAUTH2 authentication and message exchanging
- Occasionally mentored team members that had just started using React Native and ES6+

SKILLS

- Tech frameworks and libraries: ReactJS / Native, Redux, NodeJS, Qt/C++, Sass / Styled components
- Programming languages: C++ 14, Typescript 3, Java 8, Golang, Python
- Tech tools: Git, Postman, jest / mocha, npm / yarn

SELECTED OPEN SOURCE PROJECTS

Kalk (Qt/C++, Java 8)   https://github.com/jkomyno/kalk
Desktop matrix calculator that focuses on virtual class hierarchies and polymorphism

Palitra (Golang)   https://github.com/jkomyno/palitra
Utility that finds the N most frequent colors in a picture, approximated to CSS3 color names

Pate (NodeJS, Typescript)   https://github.com/jkomyno/pate
CLI app that scans the desired files of a certain folder and returns a list with the files that contain a certain RegEx pattern

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AWARDS

Winner of public tender
June 2016
Developed a quiz-like Android app in Java aimed to help kids understanding the most common traffic laws.

City of St. Stino di Livenza, Italy