

Sandu Postaru

Software Engineer | Eclipse Committer
26 years old | postaru.sandu@gmail.com | Paris, France

EDUCATION

PIERRE AND MARIE CURIE
MASTER OF COMPUTER SCIENCE
WITH HIGHEST HONOURS
Sept. 2016 - Feb. 2018 | Paris, FR

PIERRE AND MARIE CURIE
EXCELLENCY DEGREE IN COMPUTER
SCIENCE WITH HIGHEST HONOURS
Sept. 2016 - Feb. 2018 | Paris, FR

PIERRE AND MARIE CURIE
BACHELOR OF COMPUTER SCIENCE
WITH HONOURS
Sept. 2013 - Aug. 2016 | Paris, FR

SKILLS

TECHNICAL SKILLS

Proficient

Java • JavaScript • Groovy • Jenkins
Git • Eclipse RCP • Eclipse Sirius
EMF • Linux • Agile Development

Familiar

C • OCaml • Python • SQL • HTML
CSS • Docker

SOFT SKILLS

Strong

Initiative • Grit • Resourcefulness

LANGUAGES

Fluent

French • English

Native

Romanian

LINKS

Website:// sandu.postaru.pro

Github/Personal:// [kuoa](https://github.com/kuoa)

Github/Professional:// [sandu.postaru](https://github.com/sandu.postaru)

Linkedin:// [sandu-postaru](https://linkedin.com/in/sandu-postaru)

Address:// paris.france

EXPERIENCE

THALES | SOFTWARE ENGINEER | JAVA

Oct. 2018 - Current | 1 y. 7 mo. | Vélizy, FR

- Participated in the agile development life cycle of an open source Model Based System Engineering tool called **Capella**
- Increased product value and met customers' needs by implementing new functional chain assembly and actor/component interchangeability features
- Improved product stability by fixing bugs across major and patch versions, leading to increased client satisfaction (according to internal user surveys)
- Contributed to new contract acquisitions by drafting technical and cost proposals for new features in close collaboration with the software architect
- Reduced CI/CD maintenance costs and promoted collaboration between teams by implementing Jenkins shared libraries
- Shared knowledge across contributors and fostered a positive code review culture as an Eclipse committer through the use of code reviews
- Diminished errors and improved the overall quality of our code by enforcing SonarLint rules and solving more than 200 linting errors
- Managed and mentored a software engineer intern for a 6 month period
- Member of a hiring group responsible for evaluating and recruiting engineers

THALES | SOFTWARE ENGINEER INTERN | JAVA

Feb. 2018 - Aug. 2018 | 6 mo. | Vélizy, FR

- Enabled large scale batch modifications of model elements by designing and implementing a **Massive Edition** component
- Facilitated the exploration of common model element attributes by designing and implementing a **Massive Visualization** component
- Ensured a linear running time and memory complexity by developing and analyzing performance benchmarks
- Guaranteed that the components meet their design and behave as intended by implementing unit and integration tests
- Received positive feedback after presenting my work to 20+ english-speakers

LIP6 SCIENCE LABORATORY | ASSISTANT ENGINEER | JAVA

Jun. 2017 - Aug. 2017 | 3 mo. | Paris, FR

- Enabled feature identification of Java and C++ version control systems in **BUT4Reuse** by developing a static analysis module
- Improved the analysis accuracy by developing precision benchmarks on a set of public code repositories

PERSONAL PROJECTS

SMART CONNECTED MIRROR | RASPBERRYPI, JS, ELECTRON

A mirror meets hardware and software | [Github](https://github.com/sandu-postaru/smart-connected-mirror) (380 stars)

- Produced real time information on a mirrored surface by developing an app that displayed the current weather, latest news, emails and train schedules

GRADE CONSULTING EXTENSION | JS, BOOTSTRAP, JQUERY

A Google Chrome extension | [Chrome Store](https://chrome.google.com/webstore/detail/grade-consulting-extension) (75 users) | [Github](https://github.com/sandu-postaru/grade-consulting-extension)

- Enabled Pierre and Marie Curie students to consult their grades and receive midterm result notifications by developing a handy Chrome extension