DANIEL PAVLOV
Computer Science student

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EXPERIENCE

1/24 - now	**Software Engineer**	**CHECK24 Vergleichsportal GmbH**

· Implementing various features in the Spring-Boot Backend
· Spearheaded the development of a custom layered caching framework
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Spring  /  Java  /  Redis  /  Databases
```

4/24 - 9/24	**Student Tutor - Functional Programming and Verification**	**Technical University Munich**

· Conceptualizing and Conducting Programming Tutorials
· Teaching common formal verification methods for proving the semantics of programs
```
Teaching  /  Ocaml  /  Formal Verification
```

10/23 - 3/24	**Student Tutor - Programming Lab**	**Technical University Munich**

· Conceptualizing and Conducting Programming Tutorials
```
Teaching  /  Java
```

7/22 - 6/23	**Finance Freelancer**	**SHANGHAI.BERLIN GmbH + Co. KG, Berlin**

· Completed routine business transactions
· Drafting scripts using JavaScript for financial analyses
```
Office  /  Scripting
```

EDUCATION

10/22 - now	**BSc. Computer Science**	**Technical University Munich**
	Current GPA - 2.5	

OPEN SOURCE & NON-PROFIT

5/24 - now	**Brain Computer Interface Engineer**	**neuroTUM e.V.**

· Parsing EEG data to classifiable data
· Classifying and Transforming EEG data using ML-models
· Building and maintaining Dev-Ops infrastructure
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Machine Learning  /  Python  /  Dev-Ops
```

PROJECTS

Java, Gradle	**Discord (Music)-Bot**	**github.com/pvlov/poyo-java**

- Developed a dynamic Discord bot in Java with features including music commands and an automated intro feature.
- Implemented a configurable blacklist system for command control and customization through a YAML configuration file.

Rust, React	**Splitting expenses**	**github.com/pvlov/split**

- Started implementing a custom fullstack app that allows friends to split expenses

LANGUAGES

English - C1, **German** - native