

# Curriculum Vitae

## **BAKAR CHARGEISHVILI**

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### **Education**

2014-present: Tbilisi State University, Faculty of Exact and Natural Sciences,  
Physics Programme  
GPA: 3.8

### **Research**

2014-present: High Energy Physics Institute of Tbilisi State University  
Research assistant, Topics:

- Electron calibration in the crack region using TileCal E4 scintillators
- Jet calibration in the crack region using TileCal gap/crack scintillators
- Measurement of  $J/\psi$  particles production in association with top antitop quark pairs

2015: visit at CERN to participate in Tile Calorimeter demonstrator test beam

2016: visit at CERN to work on Jet calibration using TileCal gap/crack scintillators

### **Skills**

Experimental Physics, Data analysis, Statistical methods

CERN ROOT and Athena frameworks

Software development, C, C++, Python

Linux systems, bash scripting, Grid computing systems

Teamwork skills

Quick learner, motivated and keen to learn

### **Languages**

Georgian: native language

English: fluent (speaking, reading, writing)

German: intermediate (speaking), fluent (reading, writing)

Russian: intermediate (speaking), fluent (reading, writing)