



# Lucas May Petry

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## LINKS

 lucaspetry  
 lucasmaypetry

## SKILLS

### LANGUAGES

Native fluency in portuguese  
Professional proficiency in english  
Elementary knowledge in german

### PROGRAMMING

Proficient:  
C++ • Java • HTML  
Familiar:  
PHP • Python • Javascript • CSS •  
Processing • Prolog • R • Shell Script

### PLATFORMS & FRAMEWORKS

Linux • Windows • MySQL • PostgreSQL •  
Qt • Google Test

### OTHER

LaTeX • Git • SVN • Eclipse • MS Visual  
Studio

## COURSEWORK

Federal University of Santa Catarina

- Data Mining
- Compilers Construction

University of California, Davis

- Cryptography
- Artificial Intelligence
- Information Interfaces

## AWARDS

OBMEP 2009  
Gold Medal

## EDUCATION

### FEDERAL UNIVERSITY OF SANTA CATARINA (UFSC)

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

Mar 2013 - Expected Dec 2017

Florianópolis, SC, Brazil

IAA: 8.54/10.00

### UNIVERSITY OF CALIFORNIA, DAVIS

STUDY ABROAD PROGRAM

Jun 2015 - Aug 2016

Davis, CA, USA

GPA: 3.68/4.00

## EXPERIENCE

### BRIDGE LAB, UFSC

QUALITY ANALYST

May 2017 - Present | Florianópolis, SC, Brazil

- Project: SISMOB (software system by the Brazilian Ministry of Health for construction monitoring).
- Created and automated test cases using Java.
- Performed exploratory testing.

### PLAB, UFSC, FEESC

DEVELOPER

Nov 2016 - Apr 2017 | Florianópolis, SC, Brazil

- Project: Petrobras SO-BR V2.
- Developed and improved the graphical user interface of SO-BR V2, a software by Petrobras for real time monitoring and management of oil well drilling.

### LABSEC, UFSC

TESTER + DEVELOPER

Jun 2014 - May 2015 | Florianópolis, SC, Brazil

- Project: Programa João de Barro - Brazilian Root Certification Authority.
- Tested and debugged the software for managing the Brazilian root certification authority (ICP-Brasil).
- Coded methods for data persistence and some cryptographic algorithm parameters.

## RESEARCH

### FEDERAL UNIVERSITY OF SANTA CATARINA

TERM PAPER

Mar 2017 - Expected Dec 2017 | Florianópolis, SC, Brazil

Term paper development, under orientation of professor Dr. Vania

Bogorny, on multi-aspect trajectory similarity measuring of moving objects.

### UNIVERSITY OF CALIFORNIA, DAVIS

RESEARCH ASSISTANT

Jun 2016 - Dec 2016 | Davis, CA, USA

Research assistant of professor Dr. Matt Bishop. Developed exercises in computer security using shell script and VMs.