RANADEEP BISWAS

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CAREER

Informal Systems	Paris, France
Research Engineer	*July 2021 - Now*

Universite de Paris	Paris, France
Institut de Recherche en Informatique Fondamentale	*April 2021 - June 2021*
Post-Doctoral researcher	Testing of Applications on Distributed Databases

Universite de Paris	Paris, France
Institut de Recherche en Informatique Fondamentale	*November 2017 - March 2021*
Doctoral student	Testing of Storage Systems and Applications

Chennai Mathematical Institute	Chennai, India
Master of Science	*August 2015 - July 2017*
Computer Science	CGPA: 9.44/10

Chennai Mathematical Institute	Chennai, India
Bachelor of Science (honours)	*August 2012 - July 2015*
Mathematics & Computer Science	CGPA: 7.57/10, GPA for CS: 8.92

CAREER INTERESTS

Distributed system and network, Cloud storage and computing

Automated testing and verification, Formal methods, Logic

Artificial Intelligence, Machine Learning

Security, Privacy

TECHNICAL STRENGTHS

Programming languages	Rust, Python, Bash, C/C++, Java, Golang, Haskell, Perl etc.
Machine Learning tools	NumPy, Tensorflow, Keras, Cleverhans, Scikit-learn
Version Control	Git
Markup languags	LaTeX, Markdown, HTML/CSS
Verification tools	Z3, CBMC, NuSMV, CUDD

PUBLICATIONS

Available online - `ranadeep.in/pub`

CONFERENCE

CAV 2020	Online
International Conference	*July 20-24, 2020*

· Computer Aided Verification

OOPSLA 2019	Athens, Greece
International Conference	*Oct 23-25, 2019*

· Computer Aided Verification

CAV 2019   New York, USA
International Conference   *July 13-14, 2019*

· Computer Aided Verification

CAV 2018   Oxford, UK
International Conference   *July 14-17, 2018*

· Computer Aided Verification

WORKSHOPS

MOVEP 2020 Summer School   Grenoble, France
Summer School (Online)   *June 22-26, 2020*

· Modelling and verification of parallel processes.

VMCAI 2019 Winter School   Lisbon, Portugal
Winter School   *January 9-12, 2019*

· Verification, model checking, and abstract interpretation.

EPIT 2018   Aussois, France
Spring school   *May 7-11, 2018*

· Software verification

PERSONAL INTERESTS

Programming, scripting, free open source software

Solving real world problems with mathematics and computer science

Recreational mathematics and computer science

Drawing, ukulele, cooking, films, comedy

Traveling, fitness, mental health