

Edmundo Matheus B. Santana

Rua Betânia, n 10, Apt 202, Derby, Recife, Pernambuco, Brazil
embs@cin.ufpe.br • +55 (81) 9 9659-5409

EDUCATION	Federal University of Pernambuco (CIn/UFPE) , Recife, Pernambuco, Brazil	
	<ul style="list-style-type: none">▪ M.Sc. in Computer Science Mar 2017 – Present<ul style="list-style-type: none">• Research Area: Distributed Systems• Supervisor: Prof. Nelson Souto Rosa▪ B.S. in Computer Science Mar 2010 – Apr 2015<ul style="list-style-type: none">• Conclusion Work: An Approach for Resources Allocation in Virtual Networks which Considers Dependability Attributes and Software Aging	
RESEARCH EXPERIENCE	Federal University of Pernambuco (CIn/UFPE) , Recife, Pernambuco, Brazil	
	<ul style="list-style-type: none">▪ Undergraduate Research Student Apr 2013 – Dec 2014<ul style="list-style-type: none">• Project: Investigations on Resources Allocation within Virtual Network Environments• Subsidiary: National Council for Scientific and Technological Development – CNPq (Project 109167/2013-9)• Supervisor: Prof. Stenio Fernandes• Research Area: Computer Networks	
PUBLICATIONS	SANTOS, M. A. B. ; MARTINS, R. ; <u>SANTANA, E. M. B.</u> ; FERNANDES, S. F. L. . An Adaptive Random Heuristic in Virtual Networks: Dependability Analysis. In: The 8th Latin American Network Operations and Management Symposium (LANOMS), 2015, João Pessoa. Proceedings of the 8th LANOMS, 2015.	
	SANTOS, M. A. B. ; <u>SANTANA, E. M. B.</u> ; SADOK, D. F. H. ; FERNANDES, S. F. L. . Dependabilidade na Alocação de Recursos em Redes Virtuais: Uma Heurística Aleatória com Busca Adaptativa. In: XIX Workshop de Gerenciamento de Redes e Serviços - WGRS, 2014, Florianópolis. Anais do XIX Workshop de Gerência e Operação de Redes e Serviços (WGRS), 2014.	
	ALENCAR, FELIPE ; SANTOS, MARCELO ; <u>SANTANA, MATHEUS</u> ; FERNANDES, STENIO . How Software Aging affects SDN: A view on the controllers. In: 2014 Global Information Infrastructure and Networking Symposium (GIIS), 2014, Montreal. 2014 Global Information Infrastructure and Networking Symposium (GIIS), 2014. p. 1.	
AWARDS	<ul style="list-style-type: none">▪ Hackathon on Gender and Citizenship Nov 2014 Organized by Chamber of Deputies, sponsored by the World Bank, awarded due to DonaMaria	
INDUSTRY EXPERIENCE	Trustvox , Software Engineering Aug 2016 – Feb 2018 <ul style="list-style-type: none">▪ Performed (0 downtime) cloud provider migration of highly demanded service▪ Debugged and optimized performance of multi-tier application▪ Managed infrastructure as code with Ansible Eloquent Studio , Software Engineering Oct 2014 – Jul 2016 <ul style="list-style-type: none">▪ Implemented Full-Text Search with Elasticsearch▪ Developed web APIs featuring AVRO for data serialization LIKA (UFPE) , Software Engineering Internship Feb 2014 – May 2015 <ul style="list-style-type: none">▪ Facilitated projects building with Maven Redu Educational Technologies , Software Engineering Internship Jan 2012 – Feb 2013 <ul style="list-style-type: none">▪ Implemented third-party authentication	
LANGUAGES	<ul style="list-style-type: none">▪ Brazilian Portuguese: Native language.▪ English: Fluent (speaking, reading, writing).	
SKILLS	Programming, Unix, Git, Collaborative Software Development.	
INTERESTS	Operating Systems, Distributed Tracing, Performance Modelling and Evaluation, Open Source Software.	