
Lin DasSarma lin@noblejury.com

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EDUCATION

Undergraduate:

University of Maryland, Baltimore County *2014-present*
Bachelor of Science in Information Systems

- Current Senior, anticipated graduation Spring 2018.
- Honors College

PROJECTS

Student Organization Funding and Organization Tools *apps.sga.umbc.edu/orgs*
Student Government Association, UMBC

Podcast, Social Media, Radio Automation Platform *wmbc.umbc.edu*
WMBC Student Broadcasting Association, UMBC

EXPERIENCE

Department of Information Technology, UMBC *2016-present*
API Developer

- Technologies: Nginx, PeopleSoft, Oracle
- Created enterprise service bus and automation platform
- Built API integrations for multiple campus partners across diverse API types

Department of Information Technology, UMBC *2016*
Web Applications Developer

- Technologies: Ruby, Rails, MPI
- Built multithreaded email analysis tool
- Built various API modules for Rails projects

Department of Information Technology, UMBC *2015*
Systems Administrator

- Technologies: Puppet, CFEngine, Nagios, Zabbix, MariaDB, MySQL, Oracle
- Migrated configuration management from CFEngine to Puppet
- Migrated server monitoring from Nagios to Zabbix
- Set up Oracle and MariaDB databases

University of Maryland, Biotechnology Institute *2008-2013*
Webmaster

- Technologies: Perl, MPI, C, Nginx, Ganglia, Condor
- Expanded HaloWeb <halo.umbc.edu> from one genome to twenty plus genomes
- Created data visualization tools for multi-database query building
- Managed cross-platform application development

PUBLICATIONS

- DasSarma, S.L., Capes, M.C., DasSarma, P. & DasSarma, S. 2010. HaloWeb: the haloarchaeal genomes database. *Aquatic Biosystems* 6:12.
- Capes M.D., Coker J.A., Gessler R., Grinblat-Huse V., DasSarma S.L., Jacob C.G., Kim J.M., DasSarma P. & DasSarma S. 2011. The information transfer system of halophilic archaea. *Plasmid* 65:77-101.