NikolaDichev

nickdichev.com

about

nickdichev@yahoo.com

languages

English - fluent
Spanish - proficient
Bulgarian - proficient

programming

Elixir, Python, Perl, C
Lua, Java, SQL,
PHP, HTML, Javascript

technology

AWS, git, Docker
Puppet, Selenium,
valgrind, gdb, LaTeX
Windows and *NIX

experience

June '18	**Software Engineer II** Barracuda Networks	Perl, Lua, C, PHP, Javascript, SQL, HTML, AWS, Docker, SMTP

Full stack developer on the core product team for a cloud based SMTP proxy. Also acting scrum master of our team.

October '17	**Software Engineer I** Barracuda Networks	Perl, Lua, C, PHP, Javascript, SQL, HTML, AWS, Docker, SMTP

Full stack developer on the core product team for a cloud based SMTP proxy.

June '17	**Intern - Software Engineer** Barracuda Networks	Python, Selenium

Designed and developed a Selenium based test framework for a SMTP gateway.

education

2013-2017	**University of California, Santa Cruz** Bachelors degree in Computer Science.

projects

2019	**huffman-elixir**	Elixir

Implementation of the Huffman algorithm to compress and decompress files.

2019	**markdown-live**	Elixir, Kubernetes

Phoenix LiveView example application which renders user submitted Markdown server-side in real time.
See the app at http://markdown.dichev.io

2019	**kakfa-syslog**	Elixir, Kafka

Example application of the nsyslog library. Messages are read from a Kafka queue and sent to configured destination servers.

2019	**nsyslog**	Elixir

Syslog client library which can send to a dynamic number of destination servers.

2018	**shopbot**	Python

Web scraping bot that parses 'shopping' markets and notifies the user (via SMS or private message) about items of interest.

additional

Hobbies: bonsai, mechanical keyboards, kite surfing.
Skilled user of Adobe Photoshop.