# NikolaDichev

github.com/nickdichev

## about

nickdichev@yahoo.com

## languages

English - fluent
Spanish - proficient
Bulgarian - proficient

## programming

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** | Perl, Lua, C, PHP, Javascript, SQL, HTML, AWS, Docker, SMTP |
| | Barracuda Networks | |

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

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

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

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

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

## education

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| 2013-2017 | **University of California, Santa Cruz** |

Bachelors degree in Computer Science.

## projects

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|---|---|---|
| 2018 | **huffman** | Java |

Compress and decompress text files with the Huffman algorithm.

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|---|---|---|
| 2018 | **shopbot** | Python |

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

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|---|---|---|
| 2016 | **ourspace** | Python, Javascript |

Web application to store text content and access bookmark folders. Data from the app can be sent to the user via SMS.

| | | |
|---|---|---|
| 2016 | **oc** | C, C++ |

LALR(1) compiler for a C subset language.

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|---|---|---|
| 2016 | **detector** | Python |

OpenCV based hand detection and tracking.

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|---|---|---|
| 2012 | **bomberman** | Java |

A clone of the arcade classic with network play.

## additional

Hobbies: bonsai, mechanical keyboards, kite surfing.

Skilled user of Adobe Photoshop.

References available upon request.