

**UNDERGRADUATE THESIS**

**DYSARTHIC SPEECH CLASSIFICATION USING  
CONVOLUTIONAL NEURAL NETWORK AND SUPPORT  
VECTOR MACHINE**

***KLASIFIKASI PENGUCAPAN PENDERITA DYSARTHRIA  
MENGUNAKAN CONVOLUTIONAL NEURAL NETWORK  
DAN SUPPORT VECTOR MACHINE***



**HANIFIA DYONIPUTRI**

**13/344197/PA/15143**

**MAJOR OF COMPUTER SCIENCE  
DEPARTMENT OF COMPUTER SCIENCE AND ELECTRONICS  
FACULTY OF MATHEMATICS AND NATURAL SCIENCE  
UNIVERSITAS GADJAH MADA**

**2017**

**SKRIPSI**

**KLASIFIKASI PENGUCAPAN PENDERITA DYSARTHRIA  
MENGUNAKAN CONVOLUTIONAL NEURAL NETWORK  
DAN SUPPORT VECTOR MACHINE**

*DYSARTHIC SPEECH CLASSIFICATION USING  
CONVOLUTIONAL NEURAL NETWORK AND SUPPORT  
VECTOR MACHINE*



**HANIFIA DYONIPUTRI**

**13/344197/PA/15143**

**PROGRAM STUDI ILMU KOMPUTER  
JURUSAN ILMU KOMPUTER DAN ELEKTRONIKA  
FAKULTAS MATEMATIKA DAN ILMU PENGETAHUAN ALAM  
UNIVERSITAS GADJAH MADA  
YOGYAKARTA**

**2017**